

2010 Sundance Vacations Speedway SPORTSMAN MODIFIED RULES

SPECIAL SCANNER INSTRUCTIONS: All drivers must monitor scanner system and obey line up and the Race Director's instructions. This may be done in place of, or in conjunction with driver/crew radio communication but in all cases it will be the driver's responsibility to monitor the scanner system. All radios must be programmed so that scanner system overrides communication with crew. In situations where this is possible, scanner must be onboard race car. All instructions will be repeated once. If action by driver is not taken immediately, the car will be black flagged and placed to the rear of the field.

To be eligible for competition, all cars must meet requirements set forth in either the current NASCAR rulebook or R.O.C. rulebook as far as body, chassis, and drive train is concerned. The only exceptions will be that the engine, clutch, ignition, weight, wheel, and tire specifications will be replaced with the following:

ENGINE (Including clutch, ignition, and carburetor)

1. Any overhead valve V-8 American manufactured production engine permitted.
2. Stock stroke and stock bore (+0.60 max.)
3. Maximum compression ratio of 9.0:1..
4. No porting, polishing, or alterations of any kind permitted.
5. Chevy engines must have a maximum stroke of 3.480 and a maximum bore of 4.060.
6. Maximum displacement of 360 cubic inches (+.030 overbore on Mopar) on all engines. No minimum weight for crankshaft or connecting rods.
7. Edelbrock Performer PN# 2101 or 2116 for Chevy engines. *Check with tech inspector for part # of intake manifold for different manufactured engines*
8. Stock production, cast iron heads (no bow tie or bowtie Vortec heads). World Product #4266 and #4267, Engine Quest: CH 350C, CC 170BA, CC 170 BA2, CC 167 CS2, CC 167 CS, CC 167 ES2, CC 167 ES and Dart: 100-210-70, 100-210-10, 100-242-66, 100-243-65, 100-263-64, 100-243-70 and World Products #5303B for Fords are allowed (part numbers must be visible).
9. Dish or flat top pistons only.
10. Any flat tappet or hydraulic roller camshaft allowed.
11. Stock dimension magnetic flat tappet lifters or hydraulic roller lifters for engine used mandatory.. If hydraulic roller lifters are being used, the valve springs may not exceed 1.290 inches in diameter. Retro-fit hydraulic roller lifters are permitted. No modifications or shimming of hydraulic roller lifters allowed.
12. Roller rockers allowed, no shaft style rockers (unless factory issued) or stud girdles.
13. Stock single point distributor or stock electronic ignition only.
14. No MSD boxes.
15. No automatic transmissions permitted.
16. Multi disc clutch allowed. Minimum disc diameter will be 7 inches.

17. Holley 650 cfm carburetor-Part #4777 or #80541-1 only. Must be bolted directly to intake manifold.
18. GM Performance Crate engine # 602 will be permitted and is subject to tech inspection, regardless of seals.
19. Any headers allowed. (except 180 degree)
20. Mufflers are mandatory.

WEIGHT

1. All cars must weigh 2575 pounds minimum and have 56% maximum left side weight, with driver seated in driver's seat-after race.

Amendment #1: The left side weight percentage for any car running under the former W.T.S. Crate Modified rules, will now be 58%-after race, with driver. The ONLY deviation allowed will be for wheel width. (may run up to 13" maximum wheel width)

FRAME HEIGHT

1. All cars must maintain a 2" frame height, with driver seated in driver's seat-after race.

WHEELS AND TIRES

1. Only 15" diameter by 13" (maximum) width five lug reinforced magnetic steel racing wheels permitted.
2. Any offset permitted.
3. Only solid one piece, heavy duty 5/8" magnetic steel lug bolts and standard one inch hex, fully threaded and solid magnetic steel lug nuts will be permitted.
4. No bead lock wheels permitted.
5. Track Tire Mandatory. Call speedway office for details.

TRACK WIDTH

1. Maximum width of 83 ½ inches-measured bead to bead.

NOTE: Enforcement and interpretation of all rules is subject to the discretion of Sundance Vacations Speedway officials.

OTHER ELIGIBLE CARS

Wall Stadium Modifieds must weigh 2600 lbs., maximum 56% Left Side weight with driver in driver's seat-after race. Wall Stadium Modifieds with Wall spec. engine must weigh 2650 lbs., maximum 56% left side weight with driver in driver's seat-after race.

M.A.D. Modifieds must weigh 2525 lbs., maximum 58% Left Side weight with driver in driver's seat-after race.

Wall Stadium Stock Clip Sportsman Mods must weigh 2525 lbs., maximum 56% Left Side weight with driver in driver's seat-after race. May run Holley 4-barrel 650 cfm carburetor, Part #4777 or #80541-1 (bolted directly to intake manifold) and headers with mufflers.

SST Modifieds must weigh 2600 lbs., maximum 56% Left Side weight with driver in driver's seat-after race.

SST Lite Modifieds must weigh 2525 lbs., maximum 56% Left Side weight with driver in driver's seat-after race.

SK Modifieds must weigh 2600 lbs., maximum 56% Left Side weight with driver in driver's seat-after race.

SK LIGHT Modifieds must weigh 2525 lbs., maximum 56% Left Side weight with driver in driver's seat-after race.

Thompson Sunoco Modifieds must weigh 2650 lbs., maximum 56% Left Side weight with driver in driver's seat-after race.

All "Other Eligible Cars" must meet all rules and requirements of their claimed home track's rule book (including Carburetor). Interpretation of these rules is subject to the discretion of Sundance Vacations Speedway Officials. These cars must declare track affiliation at time of registration.

WHEELS + TIRES - 15 inch diameter by 13 inch (maximum) width five lug reinforced magnetic steel wheels and Sundance Vacations Speedway track tire(s) only, regardless of individual track rules.

CLUTCH - All "Other Eligible Cars" may use a multi-disc (made for racing) clutch. Minimum disc diameter will be 7 inches.

ENGINES -

1. SST type cars may use DART Iron Eagle 200 cc Platinum head.
2. SST type cars may use Edelbrock Performer RPM intake manifold, Part #7101, but will be required to add 50 pounds to minimum weight.
3. SST type cars may use any 1-inch carburetor spacer.
4. Oil pans on all cars may be constructed of steel or aluminum.
5. All cars must use wet sump oiling systems. All oil pumps must mount in stock position.
6. No minimum journal diameter for main bearings or connecting rod bearings. This applies to all cars in this class, regardless of series or track affiliation.

All engines will be subject to inspection by Sundance Vacations Speedway officials. If necessary, seals will be removed as part of the inspection process..

All Sundance Vacations Speedway gauges, scales, and measuring equipment will be the absolute last word in any and all disputes.

MUFFLERS/HEADERS - Mufflers are MANDATORY on ALL cars. Headers on all cars may be constructed of steel or stainless steel only.

NO Titanium axles allowed in any car, regardless of existing rules!

GENERAL

Since the goal of this division is to blend a wide variety of limited Modifieds into one competitive class, rules may, from time to time, be adjusted to address over-competitive types of cars. In the event car counts are such that a further sub-division of the class is necessary, steps will be taken to address that situation. This can best be described as a “work in progress” which; with support from interested racers, we are committed to making a success.