

MONOPOSTO RACING

Class Specification

Formula 5000

December 2016

FORMULA 5000

I. Engines

5000 cc restricted.

A. Engines approved by the SCCA, pushrod operated valve mechanism, and produced in quantities of at least 1,000 per year.

B. All engine blocks shall be cast iron except the Buick/Oldsmobile 215 which may be aluminum.

C. Aluminum heads will be permitted provided that:

1. The car must meet minimum weight requirements; and
2. Valve angles in the cylinder head are not be changed from those originally available in the production cylinder heads, i.e., Chevrolet heads must be 23° angle.

B. Engines may also be modified or altered as desired except as follows:

1. Maximum displacement shall be 5000 cc and may be obtained by alteration of bore and/or stroke as desired.
2. The location of the camshaft may not be changed.
3. The number of main bearings may not be changed.

C. Engines approved for Formula SCCA, Class A are as follows:

Manufacturer / Original Displacement [Cu. In.]

American Motors 287, 290, 327, 343, 360, 390, 401

Buick 215 [aluminum], 300, 340, 350, 400

Chevrolet 283, 305, 307, 327, 350, 400

Chrysler 307, 318, 340

Dodge 273, 318, 340, 361

Ford 260, 289, 302 [Boss, not tunnel port], 351 [Windsor], 351 [Cleveland], 351 [Boss], 352, 390

Holden 308

Kaiser Jeep 327

Mercury 260, 302 [not tunnel port], 351 [same as Ford], 390
Oldsmobile 215 [aluminum], 330, 350
Plymouth 273, 318, 340, 361
Pontiac 326, 350, 400

II. Suspension

Shock absorbers may not be more than two-way adjustable and may not have remote reservoirs.

III. Minimum Weight

Minimum weights are as qualified or raced; without driver:
5000 cc unrestricted engine cars - 1,350 pounds.

IV. Fuel Tank Capacity

5000 cc unrestricted engine cars - 30 U.S. gallons maximum

V. Aerodynamic Devices

Aerodynamic devices, including wings and end plates, may not be extended to the rear more than one meter [39.4 inches] from the centerline of the rear wheel hubs or be higher than 80 cm [31.50 inches] from the underside of the chassis to the highest part of the wing. The only exception will be cars with suspension-mounted high wings. Suspension-mounted wings will only be permitted if they were fitted to the car during its contemporary race history. Wing mountings will be subject to the prior approval of the Formula "70" Technical Committee and must have forward-mounted struts. Maximum body width ahead of the rear wheels cannot exceed 140 cm. [55.12 inches]. Wing width cannot exceed 110 cm. [43.31 inches].

VI. Eligible Formula 5000 Cars

Chevron B24, B28, B30, B32, B37

Chinook

Crossle 10F, 15F

Eagle Mk5, 74A, 745, 755

Eisert

Leda LT20, LT22, LT25

Le Grand

Lola T140, T142, T190, T192, T270, T300, T330, T332, T370,
T400, T430

Lotus Mk 42B, Mk 70

March 72A, 73A, 74A, 75A, 76A

Matich

McLaren M10, M18, M22

McRae GM1, GM2, GM3

McKee Mk8, Mk12, Mk18

Rassey

Shadow

Surtees TS5, TS8, TS11

Talon

Trojan T101, T102