



# AC Ace/Aceca

as prepared for SVRA Group 1 or 3 competition

## Make and Model Supplemental Regulations

Revision Date 11/10/2012

### Background and philosophy:

**Group One** cars must be prepared to 1967 SCCA standards. Similar models prepared to the FIA or other regulations are included and are classified accordingly

**Group Three** consists mainly of medium displacement sports cars and sedans that represent the 'Golden Age' of club racing in the USA.

Post 1967 cars listed as eligible but must be prepared to 1967 standards. Similar models prepared to the FIA or other regulations are included and are classified accordingly.

**Group Eight** classes generally follow the SCCA classes of 1972, with some adjustments for cars that were either not recognized by the SCCA or have specifications that significantly changed their relative performance.

### Modifications:

As listed in the SVRA General Rules and Regulations, the Supplemental Rules for the make and model, the SVRA Tire Regulations and any period rules that are deemed appropriate

### Relevant Documents:

- General Rules and Regulations
- SVRA Group Description and Class List
- SVRA Group Supplemental Regulations
- SVRA Tire Regulations

### Notes:

These groups have tire restrictions listed in the SVRA Tire Regulations.

### The following cars are covered under these regulations:

- 1953-1963 AC Ace & Aceca (1991cc)
- 1957-1964 AC Ace-Bristol & Aceca-Bristol (1971cc)
- 1961-1964 Ace (2553cc)

#### Engines:

1991cc – (AC, OHV 6-cylinder)  
 Bore x stroke.....2.56" x 3.94"  
 Head & block material.....cast iron

1971cc (Bristol/BMW, OHV 6-cylinder)  
 Bore x stroke.....2.60" x 3.38"  
 Head material.....aluminum  
 Block material.....cast iron

2553cc (Ford Zephyr, OHV 6-cylinder)

#### Carburation:

(3) SU or (3) Solex 32 PBI 6

#### Suspension :

(front) independent, double wishbones, transverse leaf springs

(rear) independent, double wishbones, transverse leaf springs

#### Chassis:

2 seat alloy body roadster on ladder-type steel tube frame

**Wheelbase:** .....90"

#### Track dimension,:

front.....50", +/- 2 rear ..... 50, +/- 2"

#### Wheels:

6" x 15" , 6" x 16"

#### Transmissions:

Moss or AC 4-speed, ratios free, Laycock OD optional

#### Official weight,

measured without fuel & driver, all tolerances included:  
.....1635#

#### Brakes:

11.6" Disk front ..... 11" Drum rear

### SVRA approved options:

- Internal engine parts are free including roller rockers
- Weber DCOE side draft carbs and manifold
- Accusump
- MSD type electronic ignition, must be triggered from distributor
- Removal of windscreen (a suitable racing screen must replace the standard unit)
- Removal of bumpers
- Removal of turn signals and parking lamps (head and tail lights must remain in place)
- Springs, sway bars, axles, spindles, hubs, etc. are free as long as track remains correct
- Any other option not already listed that appears on the FIA recognition form
- drum front brakes w/Alfin drums
- if no headlights, **add 20# to official weight**
- Substitution of any alternator for the standard generator; if no charging system, **add 20# to official weight**
- Removal of passenger seat, **add 20# to official weight**

### Items specifically not allowed by the SVRA:

- Undocumented fiberglass body parts
- Wheel arch flares
- Ducting thru headlight openings

