CAMS

5TH CATEGORY - HISTORIC RACING

GROUP Na

APPROVED VEHICLE SPECIFICATION

This form details the approved specifications of individual vehicle models in the 5th Category Historic car group. To be issued with an Historic Log Book, cars need to comply with these specifications, the physical appearance shown in the illustrations and the general historic rules as detailed in the current CAMS Manual of Motor Sport.

Make of Car:

Simca Aronde

Model:

Elysee 90A

Period of Original Manufacture:

1956/58

CAMS Historic Group:

Na

Date of Issue of this Document:

May 2004



SECTION 1 - CHASSIS

1.1 CHASSIS FRAME

Description:

Unitary Construction

Period of Manufacture:

Manufacturer:

Simca

1955/58

Chassis no. from:

Chassis no. location:

481041 - 2800001 Plate on Scuttle

Material:

Steel

Comments:

1.2 FRONT SUSPENSION

Description:

Independent - Upper & Lower

Wishbones

Spring medium:

Coil

Damper Type:

Telescopic

Adjustable:

Permitted

Anti-sway bar:

Fitted

Adjustable:

No

Suspension adjustable:

Yes

Method:

Shims

Comments:

Refer Group Na regulations for permitted modifications

1.3 REAR SUSPENSION

Description:

Live Axle

Spring medium:

Semi Elliptic Leaf

Damper type:

Telescopic

Adjustable: Permitted

Anti-sway bar:

Not Fitted

Adjustable:

Suspension adjustable:

No

Method:

Comments:

Refer Group Na regulations for permitted modifications.

1.4 STEERING

Type:

Worm & Roller

Make:

Simca

1.5 BRAKES

Comments:

Type:

Front

Rear

Drum

Drum

Dimensions:

254 x 51mm

254 x 51mm

Material of drum/disc

Cast Iron

Cast Iron

No. cylinders/pots per wheel:

1

1

Actuation:

Hydraulic

Hydraulic

Caliper: Make, Material, Type:

Master cylinder make:

Lockheed

Type:

Single

Adjustable bias: Servo Fitted:

No

Comments:

No

Dual/Tandem Master Cylinders and/or Servo permitted. Refer Group Na

regulations for permitted modifications.

SECTION 2 - ENGINE

2.1 ENGINE

Make:

Simca

Model:

Flash

No. cylinders:

4

Configuration:

In Line

Cylinder Block-material:

Cast Iron

Two/Four Stroke:

4 Stroke

Bore - Original:

74mm

Max. allowed:

75.5mm

Stroke - original: Capacity - original: 75mm 1292cc Max. allowed: Max. allowed: 75mm 1342cc

Cooling method:

Water

Identifying marks:

Comments:

Refer Group Na regulations for permitted modifications.

2.2 CYLINDER HEAD

Make:

Simca

No. of valves/cylinder-

Inlet:

1

Exhaust:

1 3

No. of ports total: No. of camshafts: 2 1

Inlet: Location:

Block

Exhaust: Drive:

Chain

Valve actuation:

Pushrod

Spark plugs/cylinder: Identifying marks:

Comments:

Refer Group Na regulations for permitted modifications

2.3 LUBRICATION

Method ((Wet/Dry Sump):

Wet Sump

Oil tank location:

Dry sump pump type:

Location (If Appl.):

Location (If Appl.): Oil cooler standard (Yes/No): No

Comments:

Oil Cooler permitted. Refer Group Na regulations for permitted modifications

2.4 IGNITION

Type:

Coil & Distributor

Make:

SEV

Comments:

Refer Group Na regulations for permitted modifications.

2.5 FUEL FEED (Induction)

Carburettor/s:

Solex

Fuel Inj'n: Make:

Make: Type/Model:

Downdraught PBIC

Type/Model:

No. Fitted:

1

S/Charged (Yes/No):

Size:

32mm

Make (If Applic.):

Comments:

Multiple carburettors permitted. Refer Group Na regulations.

SECTION 3 - TRANSMISSION

3.1 CLUTCH

Make:

Simca

Type:

Dry Plate

Diameter: 203mm

No. of Plates:

Method of Actuation:

Mechanical

Comments

Refer Group Na regulations for permitted modifications

3.2 TRANSMISSION

Type:

4 Speed Synchromesh

Make:

Simca

Model:

No. forward speeds:

4

Gearbox location: Behind Gearbox

Gearchange type and location: Column*

Case material:

Comments:

Aluminium Alloy

Identifying marks:

Ratios free. Refer Group Na regulations for permitted modifications. * Floor

change optional.

3.3 FINAL DRIVE

Make:

Simca

Model:

Aronde

F/R/All Wheel Drive:

Ratios:

Rear Various

Differential Type:

Hypoid Bevel

Make:

Simca

Comments: Limited Slip Differential permitted. Refer Group Na regulations for permitted

modifications.

3.4 TRANSMISSION SHAFTS (EXPOSED)

Number:

Location:

Gearbox to Final Drive

Description:

Tailshaft

Comments:

3.5 WHEELS & TYRES

Wheel type: Original:

Pressed Steel

Material: Original:

Steel

Allowed:

Steel or Period Alloy

Allowed: 4

Steel or Alloy

Fixture method:

Bolt On FRONT No. studs:

REAR

Wheel dia. & rim width

Original:

 4×14

4 x 14

Allowed:

5 x 14 or 15

5 x 14 or 15

Tyre Section

Allowed:

Min. Asp.Ratio Allowed:

65%

65%

Comments:

Refer Group Na regulations for permitted modifications

SECTION 4 - GENERAL

4.1 FUEL SYSTEM

Tank Location:

Rear

Mechanical

Capacity: Make:

40 Litres

SEV

Comments:

Fuel pump, type and location:

Refer Group Na regulations for permitted modifications.

4.2 ELECTRICAL SYSTEM

Voltage:

12

Dynamo/Alternator fitted:

Battery Location:

Engine Bay

Dynamo

Comments:

Refer Group Na regulations for permitted modifications,.

4.3 BODYWORK

Type:

4 Door Saloon

Material:

Steel

No. of seats:

No. doors:

4

Overall length:

Comments:

4.4 DIMENSIONS

Track - Front:

1255mm

Rear:

1250mm 4115mm

Wheelbase: Dry weight:

2443mm

Comments:

850kg

4.5 SAFETY EQUIPMENT

Fire extinguisher -required:

Seat belt- required:

Refer Schedule H

Refer Schedule I

Rollbar -required:

Refer Schedule J & General Regulations

Electrical cut off switch- required:

Safety fuel tank- optional

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