CAMS

5TH CATEGORY - HISTORIC RACING

GROUP N(c)

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:

Ford

Model:

Galaxie 'R'

Period of Original Manufacture: 1963/4

CAMS Historic Group:

N(c)

Date of Issue of this Document: 7/4/2000



SECTION 1 - CHASSIS

1.1 CHASSIS FRAME

Description:

Unitary Construction

Period of Manufacture:

1963 - 64

Manufacturer:

Chassis no. from:

Ford RW66R

Chassis no. location:

RHS Firewall (Top)

Steel

Material: Comments:

1.2 FRONT SUSPENSION

Description:

Independent - Wishbone

(Upper & Lower)

Spring medium:

Coil

Damper Type: Anti-sway bar: Telescopic

Suspension adjustable:

Yes Yes Adjustable: No Adjustable: No Method: Shims Eccentric Bush (Caster)

Comments:

1.3 REAR SUSPENSION

Description:

Live Axle

Spring medium:

Leaf - Semi Elliptic

Damper type:

Telescopic

Anti-sway bar.

Comments:

Suspension adjustable:

No

No

Adjustable: No Adjustable: N/A

Method:

N/A

1.4 STEERING

Type:

Recirculating Ball

Make:

Ford

1.5 BRAKES

Comments:

Type:

Dimensions:

Front Disc

Rear Drum

Material of drum/disc

276 x 32mm Cast Iron

280 x 64mm Cast Iron

No. cylinders/pots per wheel:

Hydraulic

Hydraulic

Actuation: Caliper: Make, Material, Type:

PBR

Ford - Cast Iron Type:

Single

Master cylinder make:

Adjustable bias:

Servo Fitted:

Comments: Twin Master Cylinders permitted

SECTION 2 - ENGINE

2.1 ENGINE

Make:

Ford

Model:

FE427

No. cylinders: Cylinder Block-material: 8

Configuration: Four Stroke

Vee Yes

Bore - Original:

Cast Iron 107.5mm 96mm

Max. allowed:

109

Stroke - original: Capacity - original:

6966cc Water

Max. allowed: Max. allowed: 96mm 7162cc

Cooling method:

Identifying marks:

Comments:

2.2 CYLINDER HEAD

Make:

Ford FE

No. of valves/cylinder-

Inlet: Inlet: 8

Exhaust: Exhaust:

1 8

No. of ports total: No. of camshafts: 16 1

Location: Pushrod

OHV Drive: Chain

Valve actuation:

Spark plugs/cylinder: Identifying marks:

Comments:

2.3 LUBRICATION

Method:

Wet Sump

Oil tank location:

N/A

4 bbl x 2

Size: 660

Dry sump pump type: Oil cooler standard:

N/A Yes

Location: Location:

Front of Radiator

Comments:

2.4 IGNITION SYSTEM

Type:

Coil & Distributor

Make:

Optional

Comments:

2.5 FUEL SYSTEM

Carburettor: Make:

Fuel injection Make: Supercharged:

Comments

Holley

No No Model:

Type:

Type:

SECTION 3 - TRANSMISSION

3.1 CLUTCH

Make:

Various

Type:

Dry Plate

Diameter:

215mm

No. of Plates:

Actuation:

Hydraulic

Comments: Clutch Free

3.2 TRANSMISSION

Type:

4 Speed & Synchromesh

Make: Ford /

Model:

Top Loader or Borg Warner T10 behind engine

Borg Warner

No. forward speeds:

Gearbox location:

Gearchange type and location: Floor Case material:

Cast Iron

Identifying marks:

Comments:

3.3 FINAL DRIVE

Make:

Ford

Model:

Wheel drive method: Ratios:

Rear Various

Differential: Comments: Spin Resistant

Tubular Tailshaft

Type:

Detroit Locker

3.4 TRANSMISSION SHAFTS (EXPOSED)

Number:

9"

Location: Gearbox to Final Drive

Description:

Comments:

3.5 WHEELS & TYRES

Wheel type: Original:

15 x 7" 15 x 8"

Material: Original: Steel

Allowed: Alloy

Allowed: Fixture method:

Nuts

No. studs:

REAR

Wheel dia, & rim width

FRONT 15 x 8"

15 x 8"

Original:

Allowed

Tyre section:

Original: Allowed:

225/60/15

275/60/15

Aspect ratio - minimum:

Comments:

SECTION 4 - GENERAL

4.1 FUEL SYSTEM

Tank Location:

Rear

Capacity:

100 Litres

Fuel pump, type and location: Comments:

Electric

Make:

Holley

4.2 ELECTRICAL SYSTEM

Voitage:

12 Volt

Alternator fitted

Battery Location:

Comments:

Behind Passenger Seat

4.3 BODYWORK

.Type:

Fixed Head Coupe

Material:

Steel/Fibreglass

No. of seats: . Comments:

No. doors: 2

4.4 DIMENSIONS

Track - Front:

1650mm

Rear:

1580mm

Wheelbase: Dry weight:

3023mm

1700 Kg (approx)

Comments:

Overall length:

4.5 SAFETY EQUIPMENT Fire extinguisher required Seat belt required Rollbar required Electrical cut off switch required

Safety fuel tank optional

RP:mr-Ford Galaxie R-nc.doc