



5TH CATEGORY - HISTORIC RACING

GROUP Nc

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 Cortina

Model: 220

Period of Original Manufacture: 1965-67

CAMS Historic Group: Nc

Date of Issue of this Document: 21 July 2009

The 220 model was a low level base model of the Cortina Mk I.



SECTION 1 - CHASSIS

1.1 CHASSIS FRAME

Description: Unitary construction **Period of Manufacture:**
1965-67

Manufacturer: Ford Motor Company

Chassis no. from:

Chassis no. location:

Material: Steel

Comments:

1.2 FRONT SUSPENSION

Description: Independent by McPherson Strut

Spring medium: Coil

Damper Type: Telescopic within strut **Adjustable:** No, but allowed

Anti-sway bar: Yes **Adjustable:** No

Suspension adjustable: Within Group Nc regulations **Method:**

Comments:

1.3 REAR SUSPENSION

Description: Live axle

Spring medium: Leaf springs

Damper type: Telescopic **Adjustable:** No, but permitted

Anti-sway bar: No. **Adjustable:**

Suspension adjustable: No. **Method:**

Comments:

1.4 STEERING

Type: Recirculating ball **Make:** Ford

Comments: Original form including rod ends must be retained.

1.5 BRAKES

| | Front | Rear |
|---------------------------------------|--------------------------------|------------------------------|
| Type: | Disc | Drum |
| Dimensions: | 241mm x 12.7mm | 203mm x 38.1mm |
| Material of drum/disc | Cast iron | Cast iron |
| No. cylinders/pots per wheel: | 2 | 1 |
| Actuation: | Hydraulic | Hydraulic |
| Caliper: Make, Material, Type: | Girling cast iron | |
| Master cylinder make: Girling | | Type: Single cylinder |
| Adjustable bias : | No but permitted, see comments | |

Servo Fitted: No but permitted.

Comments: Dual master cylinder with adjustable bias permitted – refer Nc regulations.

SECTION 2 - ENGINE

2.1 ENGINE

Make: Ford
Model: 120E
No. cylinders: 4
Cylinder Block-material: Cast iron
Bore - Original: 80.97mm
Stroke - original: 72.8mm
Capacity original: - 1498cc
Cooling method: Liquid cooled
Identifying marks: Casting mark 120E-6015 left side of block
Comments: 120E engine is 5 main bearing engine

Configuration: In line
Two/Four Stroke: 4
Max. allowed: 82.47mm
Max. allowed: 72.8mm
Max. allowed: 1556cc

2.2 CYLINDER HEAD

Make: Ford
No. of valves/cylinder: 2
No. of ports total: 8
No. of camshafts: 1
Valve actuation:
Spark plugs/cylinder: 1
Identifying marks:
Comments: Cylinder head is pre-crossflow type.

Inlet: 1
Inlet: 4
Location: Cylinder block
Pushrods & rockers

Exhaust: 1
Exhaust: 4
Drive: Chain

2.3 LUBRICATION

Method: Wet sump
Dry sump pump type:
Oil cooler standard: No
Comments:

Oil tank location:
Location:
Location:

2.4 IGNITION SYSTEM

Type: Coil & distributor
Make: Lucas or Autolite
Comments:

2.5 FUEL SYSTEM

Carburettor: Make: Zenith
Fuel injection Make:
Supercharged:
Comments:

Model: VN
Type:
Type:
Freedom of carburettor refer Group Nc regulations

SECTION 4 - GENERAL

4.1 FUEL SYSTEM

Tank Location: Floor of boot **Capacity:** 32 litres
Fuel pump, type and location: Mechanical, Cyl. block **Make:** Ford
Comments:

4.2 ELECTRICAL SYSTEM

Voltage: 12v **Generator/Alternator fitted:** Either
Battery Location: Engine compartment
Comments: Refer Group Nc regulations for freedoms

4.3 BODYWORK

Type: Saloon **Material:** Steel
No. of seats: 4 **No. doors:** 2
Comments: 220 model has unique steel grille with 5 horizontal bars. Body has 'flow-through' ventilation system.

4.4 DIMENSIONS

Track - Front: 1290mm **Rear:** 1270mm
Wheelbase: 2489mm **Overall length:**
Dry weight: 780Kg
Comments:

4.5 SAFETY EQUIPMENT : Refer applicable Group Regulations