

CAMS

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 **Model:** Escort RS1600

Period of Original Manufacture: 1970 - 72

CAMS Historic Group: Nc

Date of Issue of this Document: 6th November 2003



SECTION 1 - CHASSIS

1.1 CHASSIS FRAME

Description: Unitary Construction **Period of Manufacture:**
Manufacturer: Ford Motor Co. 1970 - 72
Chassis no. from: BB-49KL 11059
Chassis no. location: Plate on Bulkhead/Stamp on
Suspension Turret
Material: Steel
Comments: Further modifications- Refer Group
Nc regulations. All Mark 1
bodysHELLs acceptable, but must
conform with pre 1972 spec'n.

1.2 FRONT SUSPENSION

Description: Independent - McPherson Strut
Spring medium: Coil
Damper Type: Telescopic - Internal **Adjustable:** Permitted
Anti-sway bar: Integral with Lower Arms **Adjustable:** Permitted
Suspension adjustable: **Method:**
Comments: Modifications permitted. Refer Group Nc regulations.

1.3 REAR SUSPENSION

Description: Live Axle with Trailing Links
Spring medium: Semi Elliptic Leaf
Damper type: Telescopic **Adjustable:** Permitted
Anti-sway bar: Not standard but permitted **Adjustable:**
Suspension adjustable: **Method:**
Comments: Modifications permitted. Refer Group Nc regulations

1.4 STEERING

Type: Rack & Pinion **Make:** Ford
Comments:

1.5 BRAKES

	Front	Rear
Type:	Disc	Drum
Dimensions:	244 mm	228x44 mm
Material of drum/disc	Cast Iron	Cast Iron
No. cylinders/pots per wheel:	2	1
Actuation:	Hydraulic	Hydraulic
Caliper: Make, Material, Type:	Girling	Single
Master cylinder make:	Girling	
Adjustable bias:	Permitted	
Servo Fitted :	Yes	
Comments:	Brake modifications permitted. Refer Group Nc regulations. Servo may be removed.	

SECTION 2 - ENGINE

2.1 ENGINE

Make: Ford
Model: BDA
No. cylinders: 4 **Configuration:** In Line
Cylinder Block-material: Cast Iron **Two/Four Stroke:** 4 Stroke
Bore - Original: 80.97mm **Max. allowed:** 82.47mm
Stroke - original: 77.62mm **Max. allowed:** 77.62mm
Capacity - original: 1601cc **Max. allowed:** 1656cc
Cooling method: Water
Identifying marks: 711-M 6015BA
Comments:

2.2 CYLINDER HEAD

Make: Cosworth
No. of valves/cylinder- **Inlet:** 2 **Exhaust:** 2
No. of ports total: 8 **Inlet:** 4 **Exhaust:** 4
No. of camshafts: 2 **Location:** Head **Drive:** Belt
Valve actuation: Buckets
Spark plugs/cylinder: 1
Identifying marks:
Comments: Either 3 or 4 stud exhaust port cylinder heads permitted

2.3 LUBRICATION

Method ((Wet/Dry Sump) Wet Sump **Oil tank location:**
Dry sump pump type: N/A **Location (If Appl.)**
Oil cooler standard (Yes/No) Yes **Location (If Appl.)** Location free
Comments: Further modifications – Refer Group Nc Regulations

2.4 IGNITION

Type: Coil & Distributor
Make: Lucas/Autolite
Comments: Modifications permitted. Refer Group Nc Regulations

2.5 FUEL FEED (Induction)

Carburettor/s : Weber **Fuel Inj'n :**
Make : Weber **Make :**
Type/Model : **Type/Model :** 40DCOE
No. Fitted : 2 **SI/Charged (Yes/No)** No
Comment: Modifications permitted. Refer Group Nc Reg'ns.

SECTION 3 - TRANSMISSION

3.1 CLUTCH

Make: Borg & Beck **Type:** Diaphragm **Diameter:** 203mm
No. of Plates: 1
Method of Actuation : Hydraulic
Comments: Modifications permitted. Refer Group Nc Regulations

3.2 TRANSMISSION

Type: Manual
Make: Ford **Model:** 2000E. (3 rail or Type 3 Single Rail)
No. forward speeds: 4 **Gearbox location:** Behind Engine
Gearchange type and location: Floor
Case material: Cast Iron **Identifying marks:**
Comments: Single Rail "Rocket" gearbox not permitted. Modifications permitted. Refer Group Nc Regulations. See Attachment "A" hereto.

3.3 FINAL DRIVE

Make: Ford **Model :** English Diff. (Atlas not permitted)
Wheel drive method: Rear
Ratios: Free
Differential Type : Semi Floating Hypoid
Comments: LSD or Locker permitted. Modifications permitted. Refer Group Nc Regulations. See Attachment "B" hereto.

3.4 TRANSMISSION SHAFTS (EXPOSED)

Number: 1 **Location:** Gearbox to Final Drive
Description: Tailshaft with Universal Joints
Comments: Modifications permitted. Refer Group Nc Regulations

3.5 WHEELS & TYRES

Wheel type: Original:	Pressed Steel	Material: Original:	Steel
Allowed:	Period Alloy	Allowed:	Steel or Alloy
Fixture method:	Bolt On	No. studs: 4	
	FRONT		REAR
Wheel dia. & rim width			
Original:	5.5 x 13		5.5 x 13
Allowed:	7 x 13		7 x 13
Tyre Section			
Original:			
Allowed:			
Min. Asp-/Ratio Allowed	60%		60%
:			
Comments:	Refer Group Nc Regulations		

SECTION 4 - GENERAL

4.1 FUEL SYSTEM

Tank Location: Inside Boot **Capacity:** 41 Litres
Fuel pump, type and location: Mechanical **Make:** AC
Comments: Modifications permitted. Refer Group Nc Regulations

4.2 ELECTRICAL SYSTEM

Voltage: 12 **Dynamo/Alternator fitted:**
Battery Location: Boot Alternator
Comments: Modifications permitted. Refer Group Nc Regulations

4.3 BODYWORK

Type: Two Door Saloon **Material:** Steel
No. of seats: 4 **No. doors:** 2
Comments: Other modifications- Steel mudguard extensions to replicate those factory fitted as "Forest Flare". Refer Group Nc Regulations

4.4 DIMENSIONS

Track - Front: 1314mm **Rear:** 1333mm
Wheelbase: 2430mm **Overall length:** 3978mm
Dry weight: 790kg.
Comments: Track is free. Refer Group Nc Regulations.

4.5 SAFETY EQUIPMENT

Fire extinguisher required See Schedule H CAMS Manual
Seat belt required See Schedule J CAMS Manual
Rollbar required See Schedule J CAMS Manual and General Regulations
Electrical cut off switch required Required
Safety fuel tank optional/required Optional

RP:mr-Specblnk.doc