

# C A M S

5th CATEGORY - HISTORIC RACING

GROUP Na

APPROVED VEHICLE SPECIFICATION

This form details the approved specification of individual vehicle models in the Sa and Sb production sports car groups. 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.

Make of car: **FORD ZEPHYR** Model: **MARK II**

Period of manufacture: **1956 - 1962**

CAMS Historic group: **Na**

Date of issue of this Document: **3/6/1996**



## SECTION 1 - CHASSIS

### 1.1 CHASSIS FRAME

Description : **UNIT BODY SHELL**  
Manufacturer : **FORD** Period of manufacture: **1956 - 1962**  
Chassis nos. from : to:  
Material : **MILD STEEL**  
COMMENTS : **NIL**

### 1.2 FRONT SUSPENSION

Description : **IFS McPHERSON STRUT**  
Spring medium : **COIL**  
Damper type : **TUBULAR (STRUT)** Adjustable : **NO**  
Anti-sway bar : **YES** Adjustable : **NO**  
Suspension adjustable **NO** Method : **N/A**  
COMMENTS : **SPRING RATES AND RIDE HEIGHT UNRESTRICTED**

### 1.3 REAR SUSPENSION

Description : **LIVE AXLE**  
Spring medium : **SEMI ELLIPTIC LEAF**  
Damper type : **TUBULAR** Adjustable : **NO**  
Anti-sway bar : **NO** Adjustable : **N/A**  
Suspension adjustable **NO** Method : **N/A**  
COMMENTS : **SPRING RATES AND RIDE HEIGHT UNRESTRICTED.**

### 1.4 STEERING

Type : **WORM & PEG** Make : **FORD**  
COMMENTS : **NIL**

### 1.5 BRAKES

	<u>Front</u>	<u>Rear</u>
Type :	<b>DRUM</b>	<b>DRUM</b>
Dimensions :	<b>9" x 2.5"</b>	<b>9" x 1.75"</b>
Material of drum :	<b>CAST IRON</b>	<b>CAST IRON</b>
No. cyls / pots per wheel :	<b>2</b>	<b>1</b>
Actuation :	<b>HYDRAULIC</b>	<b>HYDRAULIC</b>
Drum make :	<b>GIRLING</b>	
Master cyl make :	<b>GIRLING</b>	Type : <b>SINGLE</b>
Adjustable bias :	<b>NO</b>	
Brake servo :	<b>NO</b>	
COMMENTS :	<b>TANDEM M/CYL ALLOWED SERVO ALLOWED</b>	

## SECTION 2 - ENGINE

### 2.1 ENGINE

Make : FORD Model : 206E  
Engine no. range :  
No. cylinders : 6 Configuration : IN LINE FOUR stroke.  
Block material : CAST IRON  
Bore ; original : 82.6 mm Max. allowed : 84.1 mm  
Stroke ; original : 79.5 mm Max allowed : 79.5 mm  
Capacity ; original ; 2557 CC Max. allowed : 2651 CC  
Cooling method : WATER  
Identifying marks : NIL  
COMMENTS : NIL

### 2.2 CYLINDER HEAD

Make : FORD  
No. valves per cyl : 2 Inlet : 1 Exhaust 1  
No of ports, total : 7 Inlet : 3 Exhaust 4  
No of camshafts : 1 Location : BLOCK Drive : GEAR  
Valve actuation : OHV  
Spark plugs per cyl. : 1  
Identifying marks : -  
COMMENTS : NIL

### 2.3 LUBRICATION

Method : WET SUMP Oil tank location : N/A  
Dry sump pump type : N/A Location : N/A  
Oil cooler standard : NO Location : N/A  
COMMENTS : OIL COOLER ALLOWED

### 2.4 IGNITION SYSTEM

Type : DISTRIBUTOR AND COIL Make : LUCAS  
COMMENTS : NIL

### 2.5 FUEL SYSTEM

Carburettor ; Make : ZENITH Model : 36WLA No. : 1  
Size : 36mm  
Fuel injection ; Make : NO Type :  
Supercharger : NO Type :  
Make : N/A Drive :  
COMMENTS : THREE ZENITH CARBURETTORS ALLOWED  
THROAT SIZE UNRESTRICTED

### SECTION 3 - TRANSMISSION

#### 3.1 CLUTCH

Make : BORG & BECK Type : COIL Dia. : 8.5"  
No. of plates : 1  
Actuation : HYDRAULIC  
COMMENTS : NIL

#### 3.2 TRANSMISSION

Make : FORD Model :  
Case material : CAST IRON  
No. forward speeds : 3 Gearchange Type COLUMN CHANGE  
Gearbox location : BEHIND ENGINE  
COMMENTS : RATIOS FREE

#### 3.3 FINAL DRIVE

Make : FORD Model :  
Wheel drive : REAR  
Ratio : 3.90 : 1  
Differential : FREE Type : HYPOID BEVEL  
COMMENTS : RATIOS FREE

#### 3.4 TRANSMISSION SHAFTS ( EXPOSED )

No. 1 Location : TAILSHAFT  
Description : TUBULAR  
COMMENTS : NIL

#### 3.5 WHEELS AND TYRES

Wheel , type; original :	DISC	Material; original :	STEEL
Allowed :	DISC	Allowed :	STEEL
Fixture method :	BOLT ON	No. studs :	5
Wheel dia. & rim width	Original :	Front	Rear
	Original :	13 x 4.5"	13 x 4.5"
	Allowed :	13 x 5"	13 x 5"
Tyre section :	Original :	6.40 x 13	6.40 x 13
	Allowed :	205 x 13	205 x 13
Aspect ratio, minimum :	65%		
COMMENTS :	TYRES MUST BE FROM THE APPROVED TYRE LIST		

## SECTION 4 - GENERAL

### 4.1 FUEL SYSTEM

Tank location :	IN BOOT FLOOR	Capacity, litres :	45
Fuel pump; type :	MECHANICAL	Make :	AC
COMMENTS :	NIL		

### 4.2 ELECTRICAL SYSTEM

Power supply :	GENERATOR		
Battery; location :	R/H SIDE FIREWALL	Voltage :	12
COMMENTS :	NIL		

### 4.3 BODYWORK

Type :	SEDAN	Material :	STEEL
No. of seats :	5	No. doors :	4
COMMENTS :	NIL		

### 4.4 DIMENSIONS

Track; front ;	1346 mm	Track, rear :	1321 mm
Wheelbase;	2717 mm	Overall length :	4534 mm
Dry weight :	1221 kg		
COMMENTS :	NIL		

### 4.5 SAFETY EQUIPMENT

Fire Extinguisher :	REQUIRED
Seat belt :	REQUIRED
Roll bar :	REQUIRED
Battery cut off switch :	RECOMMENDED
Safety fuel tank :	RECOMMENDED
COMMENTS :	NIL