



MSA

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7/12/20

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HISTORIC TECHNICAL PASSPORT – VALID IN: HILL-CLIMB & - RACING &

This Technical Passport is not a certificate of authenticity, nor does it in anyway verify the history of the car or its constituent parts. It merely confirms that at the date of the inspection, the car appeared to be eligible to compete in FIA-sanctioned events for historic vehicles. Neither the FIA nor the ASN certifies or takes responsibility for the accuracy of the chassis number. The items shown below as "asserted" are those claimed by the owner based upon his best available knowledge.

Issuing ASN: **MSA** Form Number: **GB10767** Category: **Competition GT Car**

Period: **E - 1947 to 1961** valid to **31.12.2027** FIA Class: **GTS 4**

The original of this document was completed in accordance with Appendix "K" to the International Sporting Code, for cars taking part in historic competitions. This certified copy of the original form remains the property of the FIA and, if replaced with a new form, must be returned to the issuing ASN which holds the original. During the whole event the car must conform to all the declarations of this HTP.

APPLICANT'S ASSERTIONS:

Make asserted: **LOTUS**

Manufacturer asserted: **LOTUS CARS LTD**

Model asserted: **ELITE**

Date of original manufacture asserted: **1961**

Vehicle chassis / VIN n° asserted: **1628**

Year of specification: **1961**

FIA identity n°: **42154**

Engine type: **COVENTRY CLIMAX STR4 OHC**

Engine capacity: **1216 cm³** corrected: cm³

FIA homologation form number (if applicable): **36**

Number of relevant valid pages of homologation form: **22**



Each page of this form, as well as the edge of each photograph, must bear the stamp of the issuing ASN

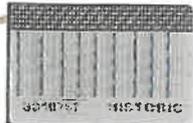
We, the MSA, have checked the information given on this form and confirm that to the best of our knowledge and belief, the car complies with the period specification of the make and model represented.

Date:
22/03/2017

Signature and stamp:

Name and status of signatory:

ROB JONES, CEO
For and on Behalf of the
ROYAL AUTOMOBILE CLUB
MOTOR SPORTS ASSOCIATION





In case of homologated car only: if extensions of the original homologation form are used (in accordance with Appendix K), their numbers must be entered below:

In case of homologated cars bodywork may only be altered on **Competition Grand Touring Cars (GTS) before Period G** and on **Competition Touring and GTS cars from Period G onwards** according to **Appendix J of the period**. For the avoidance of any doubt there must be attached to this document evidence of Period Specification of changed bodywork according to Appendix K, over stamped by the issuing ASN as authorisation.

In any case for non homologated cars a period picture of the model has to be shown below.

PERIOD IMAGE OF BODYWORK OF ORIGINAL CAR

Homologated cars.
For others also display a picture from period, especially as it can authenticate the car livery.

9 cm x 13 cm

Period image. Event :Oulton Park; date of the event: Peter Arundel 1961

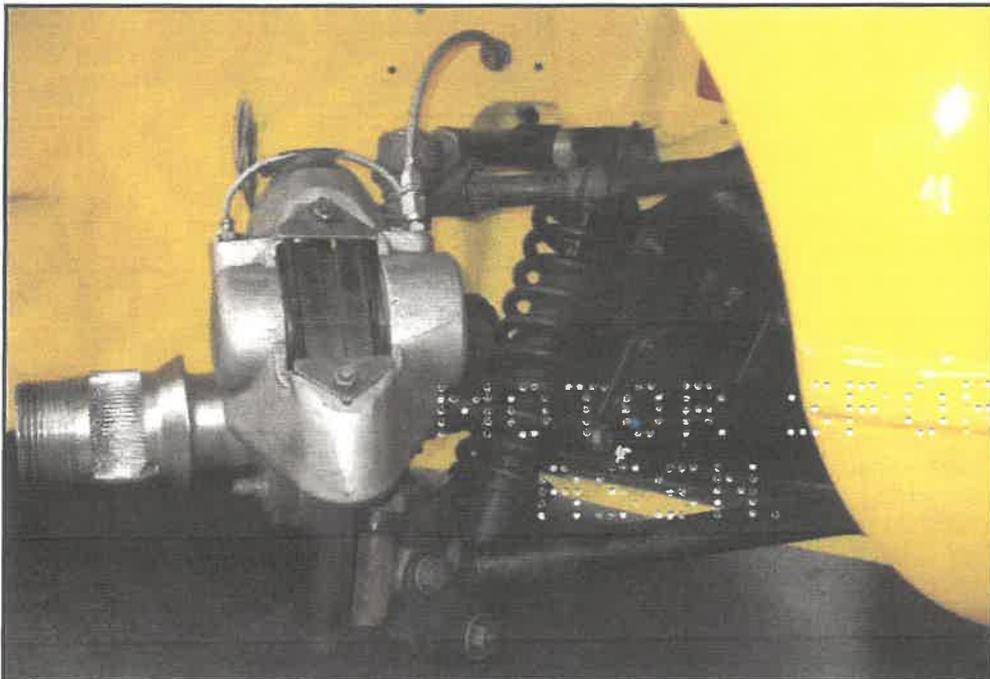
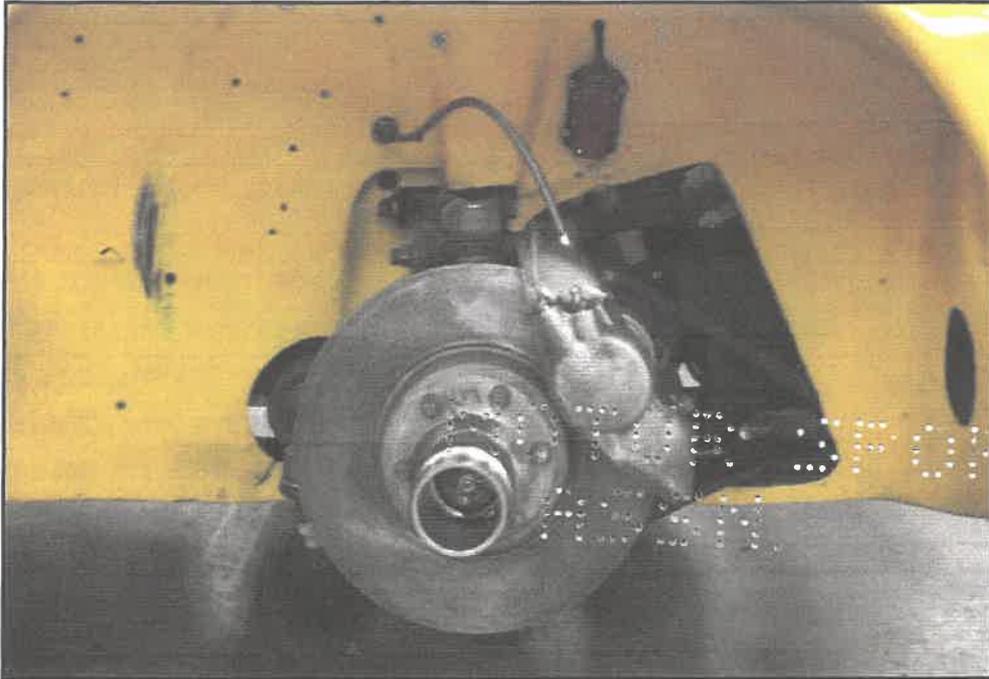
IMPORTANT: If this model has *no International History*, tick this box:

**1 – CHASSIS, SUSPENSION****1.1 CHASSIS FRAME**

[a]	Is the car fitted with a chassis to the period specifications?	yes <input type="checkbox"/> no <input type="checkbox"/>
[b]	Clarification:	
[c]	Construction (girder, tubular, monocoque, etc.):	MONOCOQUE
[d]	Materials:	GRP WITH STEEL FRONT SUB FRAME.
[e]	Note position of all identification numbers on the car:	VIN PLATE RIVETTED TO BULKHEAD

1.2 FRONT SUSPENSION

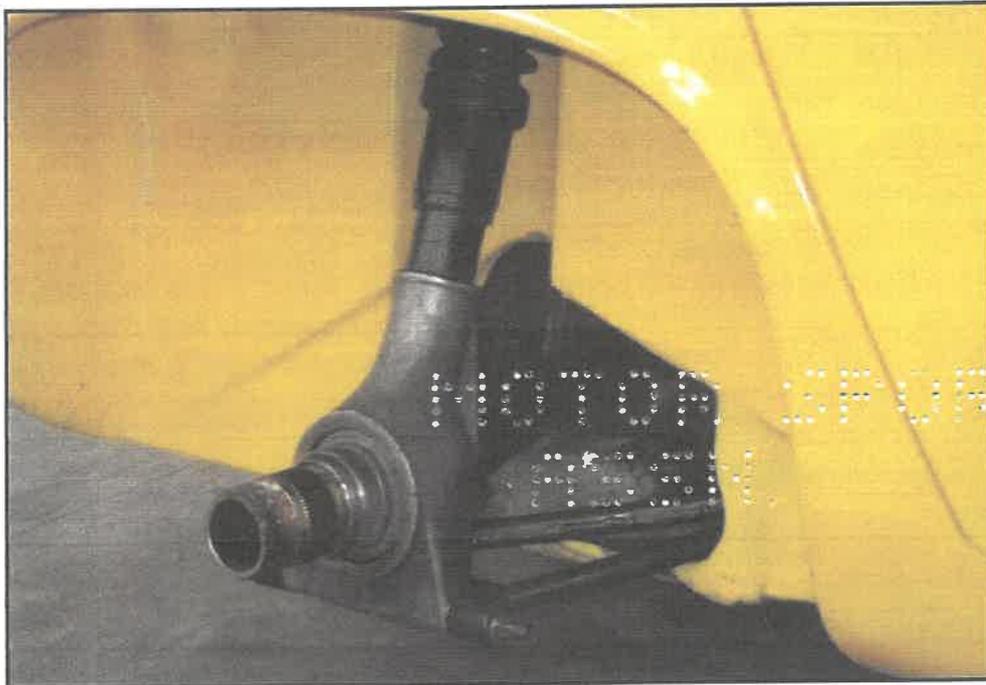
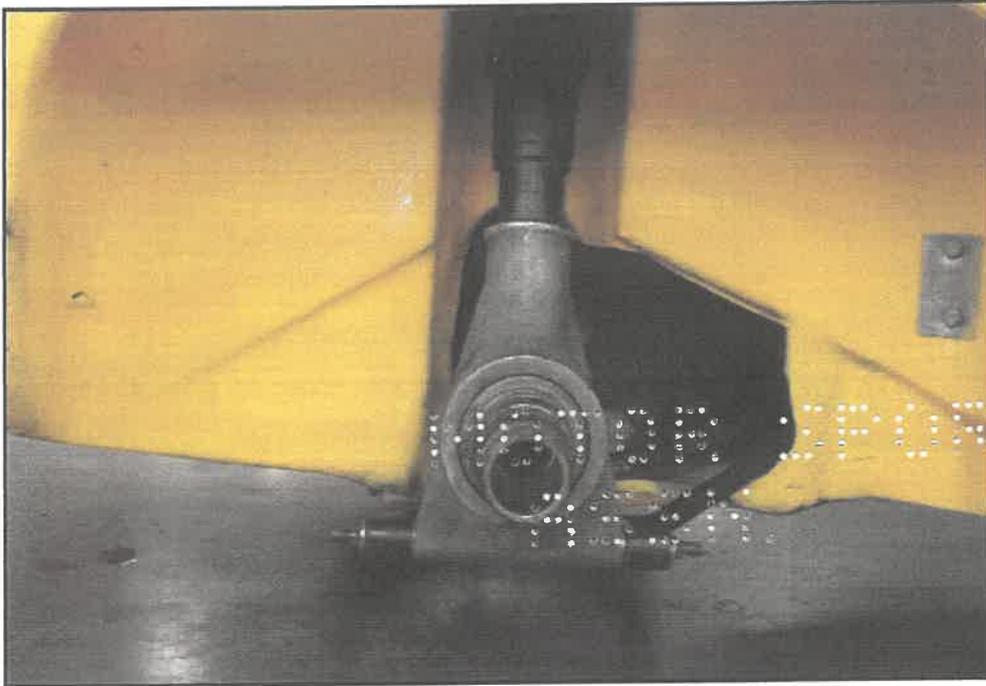
[a]	Is the suspension as per the period specifications and dimensions?	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>
[b]	Clarification:	
[c]	Type of suspension (rigid axle, wishbones, de Dion, etc.):	DOUBLE WISHBONE
[d]	Type of spring (coil, leaf, torsion bar, etc.):	COIL
[e]	Type of dampers (friction, lever, telescopic, etc.):	TELESCOPIC
[f]	Are the dampers adjustable?	yes <input type="checkbox"/> no <input checked="" type="checkbox"/>
[g]	If yes to [f], state the number of adjusters per damper:	
[h]	Material of the dampers: Steel <input checked="" type="checkbox"/> Aluminium <input type="checkbox"/>	
[i1]	Is the geometry of suspension adjustable?	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>
[i2]	Is the height of suspension adjustable?	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>
[j]	If yes to [i1] and/or [i2], specify the method (Uniball joints, different mountings, etc.): i1: Top Ball Joint i2:	
[k]	Is it fitted with an anti-roll bar?	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>
[l]	If yes, is this bar adjustable?	yes <input type="checkbox"/> no <input checked="" type="checkbox"/>
[m]	Are sensors fitted?	yes <input type="checkbox"/> no <input checked="" type="checkbox"/>
[n]	If yes, list the sensors:	





1.3 REAR SUSPENSION

[a]	Are the suspension and dimensions as per the period specifications?	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>
[b]	Clarification:	
[c]	Type of suspension (rigid axle, wishbones, de Dion, etc.):	CHAPMAN STRUT UNEQUAL LOWER LINKS
[d]	Type of spring (coil, leaf, torsion bar, etc.):	COIL
[e]	Type of dampers (friction, lever, telescopic, etc.):	TELESCOPIC
[f]	Are the dampers adjustable?	yes <input type="checkbox"/> no <input checked="" type="checkbox"/>
[g]	If yes to [f], state the number of adjusters per damper:	
[h]	Material of the dampers: Steel <input checked="" type="checkbox"/> Aluminium <input type="checkbox"/>	
[i1]	Is the geometry of suspension adjustable?	yes <input type="checkbox"/> no <input checked="" type="checkbox"/>
[i2]	Is the height of suspension adjustable?	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>
[j]	If yes to [i1] and/or [i2], specify the method (Uniball joints, different mountings, etc.): i1: i2:	
[k]	Is it fitted with an anti-roll bar?	yes <input type="checkbox"/> no <input checked="" type="checkbox"/>
[l]	If yes, is this bar adjustable?	yes <input type="checkbox"/> no <input type="checkbox"/>
[m]	Are sensors fitted?	yes <input type="checkbox"/> no <input checked="" type="checkbox"/>
[n]	If yes, list the sensors:	



**2 – ENGINE****2.1 ENGINE**

[a]	Is the engine as per the period specifications for this chassis?	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>
[b]	Clarification:		
[c]	Is the position of the engine as per the period specifications?	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>
[d]	Clarification:		
[e]	Is the cylinder block cast using the period specification material and dimensions? Specify material: ALU	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>
[f]	Clarification:		
[g]	Is the cylinder head cast using the period specification material and dimensions? Specify material: ALU Casting number: FW4000	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>
[h]	Clarification:		
[i]	Make: COVENTRY CLIMAX	Casting number of the block: EWB4083-134	
[j]	Year of manufacture: 1961	Operating method: Four-stroke cycle	
[k]	Number of cylinders: 4	Configuration (straight, V, etc.):	
[l]	Bore: original: 76.2 mm actual: 76.2 mm	Stroke: original: 66.67 mm actual: 66.67 mm	
[m]	Engine capacity: original: 1216 cm ³	actual: 1216 cm ³	
[n]	Number of intake ports: 4 Number of exhaust ports: 4 Number of transportation port (in case of two stroke engines): Number of rotors (in case of wankel/rotary engine):	Number of plugs per cylinder: 1 Number of valves per cylinder: 2	
[o]	Valve sizes to period specifications?	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>
[p]	Clarification:		
[q]	Are sensors fitted?	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>
[r]	If yes, list the sensors:		

FOR THE SIGNATURE OF THE SIGNATORY

DATE: _____



2.2 IGNITION

[a]	Is the system as per the period specifications?	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>
[b]	Clarification:		
[c]	Type (magneto, breaker/coil, etc.):	BREAKER/COIL	
[d]	If the ignition is electronic, specify the make and principle:		
[e]	Are sensors fitted?	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>
[f]	If yes, list the sensors:		

2.3 FUEL FEED

[a]	Are the make, type and number of carburettors / injection as per the period specifications?	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>
[b]	Clarification:		
[c]	Carburetor: Number:2	Make: WEBER	Type: 40DCOE \emptyset of venturi in mm:34
[d]	Injection : Make:	Type:	
[e]	If an air restrictor is fitted, diameter of the restrictor:	mm	
[f]	If supercharged, is the supercharger as per the period specifications?	yes <input type="checkbox"/>	no <input type="checkbox"/>
[g]	Clarification:		
[h]	Supercharger: Make:	Type:	Number:
[i]	If an air cooler is fitted, is it as per the period specifications?	yes <input type="checkbox"/>	no <input type="checkbox"/>
[j]	Clarification:		
[k]	Are sensors fitted?	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>
[l]	If yes, list the sensors:		

2008 REPORT
2008



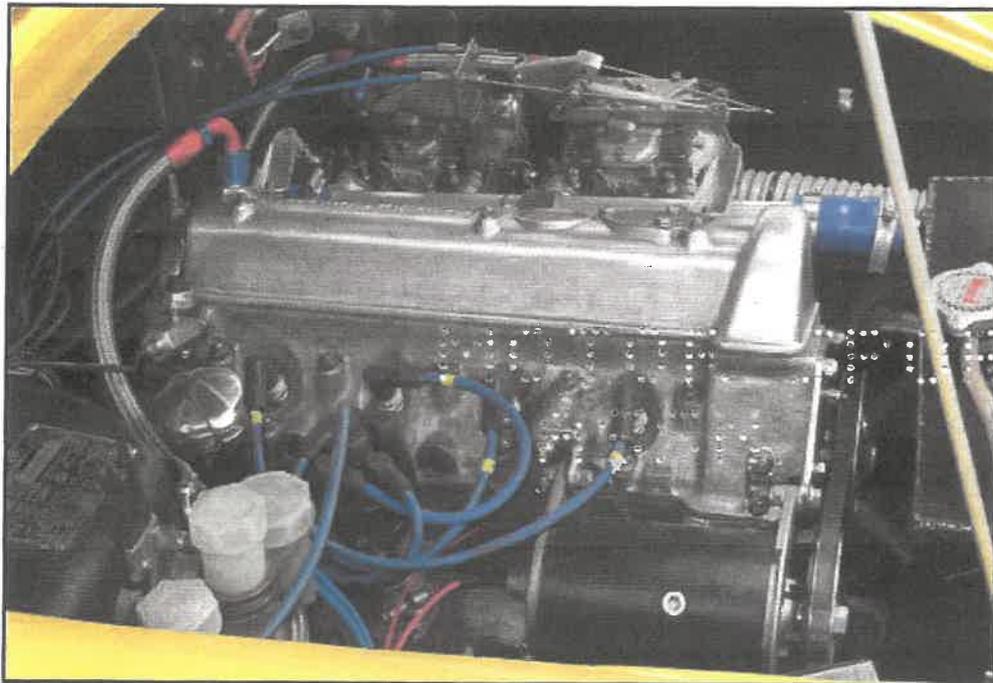
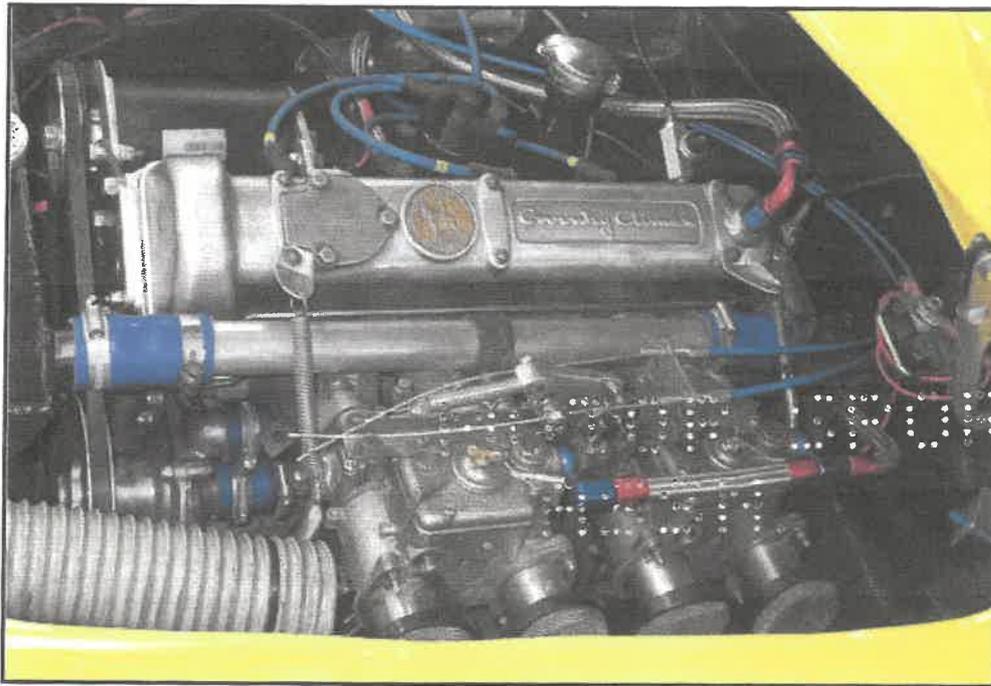
2.4 FUEL SYSTEM

[a]	Is the fuel system as per the period specifications?	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>
[b]	Clarification:		
[c]	Type of fuel feed (gravity, mechanical pump, electric pump, etc.):	ELECTRIC PUMP	
[d]	Is a fuel cooler fitted?	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>
[e]	Is the fuel tank as per the period specification's location? Does it comply with Appendix K?	yes <input checked="" type="checkbox"/> yes <input checked="" type="checkbox"/>	no <input type="checkbox"/> no <input type="checkbox"/>
[f]	Clarification:	ALU ALLOY TANK, FOAM FILLED	
[g]	Are sensors fitted?	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>
[h]	If yes, list the sensors:		

2.5 LUBRICATION

[a]	Is the system as per the period specifications?	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>
[b]	Clarification:		
[c]	Type (wet sump, dry sump, etc.):	WET SUMP	
[d]	Is an oil cooler fitted?	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>
[e]	If yes, is the cooler as per the period specifications?	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>
[f]	If no, specify and justify the changes in relation to the period specification:		
[g]	Is a main circuit oil filter fitted (pre-war cars only)?	yes <input type="checkbox"/>	no <input type="checkbox"/>
[h]	Are sensors fitted?	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>
[i]	If yes, list the sensors:		

MOTOR SPORTS
MEMBER





4 – BRAKES AND STEERING

4.1 BRAKES

[a]	Is the braking system as per the period specifications?	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>
[b]	Clarification:		
[c]	Actuation (cable, rod, hydraulic, etc.):	Front: HYDRAULIC	Rear: HYDRAULIC <u>Other option:</u>
[d]	Is the braking system assisted?	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/> <u>Other option:</u>
[e]	Specify the system:		
[f]	Make:	Front: GIRLING	Rear: GIRLING
[g]	<u>If drum brakes:</u>	Drum diameter	Front: mm Rear: mm Other: mm
		Shoe width	Front: mm Rear: mm Other: mm
[h]	<u>If disc brakes:</u>	Disc diameter	Front : 242 mm Rear: 242 mm
		Max. disc thickness	Front: 9 mm Rear: 9 mm
		Ventilated disc:	Front: yes <input type="checkbox"/> no <input checked="" type="checkbox"/> Rear: yes <input type="checkbox"/> no <input checked="" type="checkbox"/>
		Callipers:	Material at front: ALU ALLOY Number of pistons per front calliper: 2
			Material at rear: ALU ALLOY Number of pistons per rear calliper: 2
[i]	Are sensors fitted?	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>
[j]	If yes, list the sensors:		

4.2 STEERING

[a]	Is the steering as per the period specifications?	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>
[b]	Clarification:		
[c]	Type (rack and pinion, worm and roller, etc.):	RACK & PINION	
[d]	Is the steering assisted?	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>
[e]	Specify the system:		
[f]	Are sensors fitted?	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>
[g]	If yes, list the sensors:		



6.3 LIGHTING

[a]	Is the lighting as per the period specifications?	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>
[b]	If no, specify and justify the changes in relation to the period specification:		
[c]	Is generator fitted?	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>
[d]	If yes, type: dynamo <input checked="" type="checkbox"/> alternator <input type="checkbox"/> other, specify and justify:		

7 – DIMENSIONS

7.1 DIMENSIONS

[a]	Wheelbase:	left: 2235 mm	right: 2235 mm
[b]	- Track (measured between the centres of the tyre treads): <input checked="" type="checkbox"/>		
	- or Body width at centre line of axles for homologated cars from Period G2 onwards <input type="checkbox"/>		
	Original front: 1205 mm	Current front: 1205 mm	
	Original rear: 1220 mm	Current rear: 1220 mm	
[c]	Minimum weight: 576 kg		
[d]	Clarification :		

8 – DRAWINGS AND/OR PICTURES

If necessary, drawings and/or pictures of the aerodynamic devices, suspension, etc

9 – ADDITIONAL PIECES OF INFORMATION

If necessary, list of alternatives (gearbox ratios, etc)

NO INFORMATION



10 – TECHNICAL REGULATIONS

- The car must comply with the technical regulations for Group of Appendix J 19 .
- Or, the car must comply with the following technical regulations: APP K AppV111 & 1X (from 19).

The regulations of current appendix K have priority.

11 – COMPETITOR'S DECLARATION

WE CERTIFY THAT THE ANSWERS GIVEN ARE CORRECT, AND WE UNDERTAKE TO NOTIFY THE AUTHORISING ASN SHOULD ANY CHANGES BE MADE. WE FURTHERMORE ACCEPT THAT IF AT A LATER DATE OUR ANSWERS ARE SHOWN TO HAVE BEEN KNOWINGLY INCORRECT OR INACCURATE THAT THIS HTP WILL BE IMMEDIATELY CANCELLED. WE ALSO CERTIFY THAT ANY ENTRY FORM FOR AN FIA INTERNATIONAL EVENT WILL BE FILLED IN ACCORDING TO THE INFORMATION GIVEN ON THE PRESENT FORM.

Name of the car owner: GIDEON HUDSON
Full address: THE FARMHOUSE. HEATH END FARM, BERKHAMSTEAD. HERTS HP4 3UF UK
Licence number (if applicable):

Date: 17th June 2016

Signature:

Gideon J. Hudson

CAUTION: This document is intended solely to verify that, at the date of the inspection, the car appears to be eligible to compete in FIA-sanctioned events for Historic Vehicles (as defined in the International Sporting Code). It makes no representation as to guarantee the authenticity or history of the car. For example, a part which appears to be manufactured to original specification was not necessarily fitted to this car at the time of original manufacture, and the car may have been modified since the date of the inspection. The ASN has not inspected the car for any purpose other than that specified above, and accepts no liability for the accuracy or otherwise of any information contained in this form. Such information has been supplied by the owner of the car, who remains solely responsible for its accuracy.

12 – CHANGE IN OWNERSHIP

Name of the new car owner:
Full address:
Licence number (if applicable):
Name of the new car owner:
Full address:
Licence number (if applicable):
Name of the new car owner:
Full address:
Licence number (if applicable):

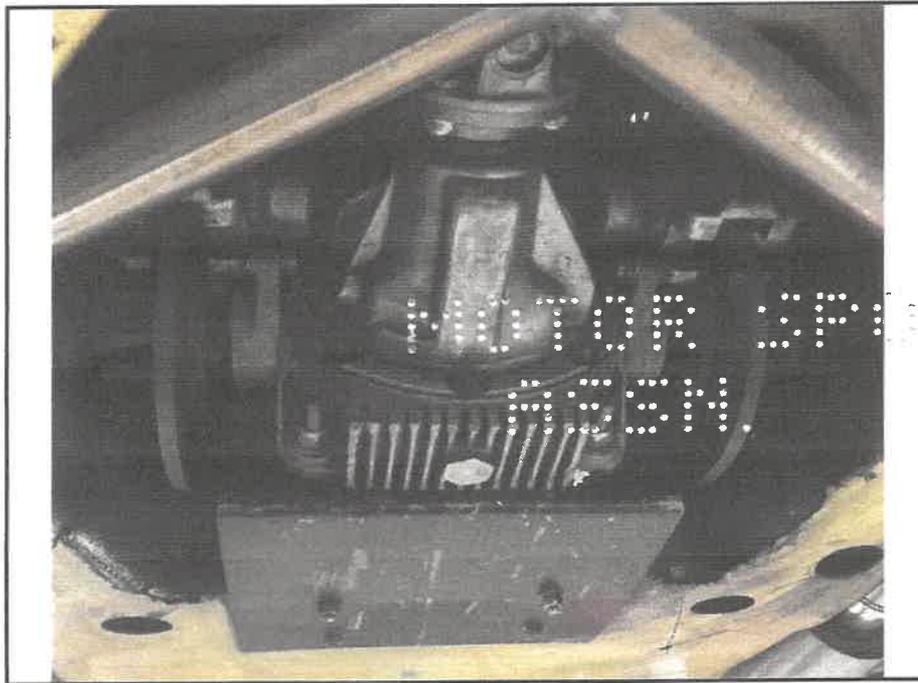
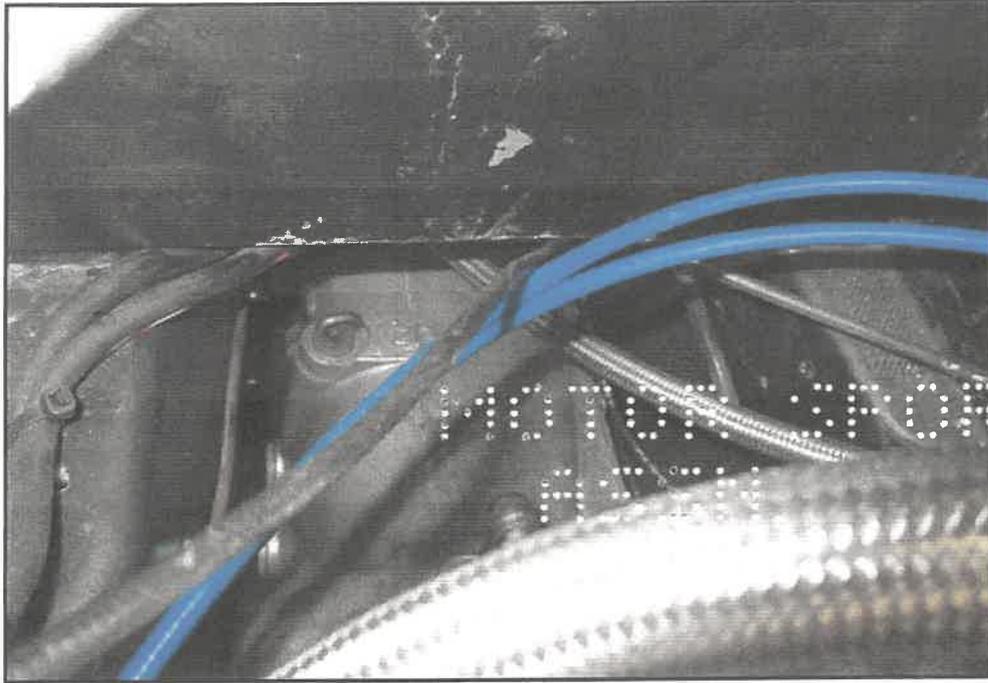
EXTENSION – NON HOMOLOGATED CARS

This extension is an addition to the basic Historic Technical Passport for non homologated cars and for Group 5 cars











DOCUMENTARY REFERENCES

Draw up a list of the technical and descriptive references to the car found in documents (books, periodicals, etc.) contemporary with its construction.

[Empty box for listing technical and descriptive references to the car found in documents (books, periodicals, etc.) contemporary with its construction.]

MOTOR SPORTS
ASN



EXTENSION – ROLL OVER PROTECTION SYSTEM

1.1 ROLL OVER PROTECTION SYSTEM

[a] System in accordance with: **FIA Homologation form**

1.2 FIA HOMOLOGATED SYSTEM

[a] If on FIA homologation form: Name of manufacturer: SAFETY DEVICES
Homologation number of the form: 36 Number of the homologation extension: MSA 1467

N.B.: A copy of the extension must be attached to the HTP.

1.3 ASN CERTIFIED SYSTEM

[a] If certified by an ASN: Name of the ASN:
Certificate / Test report number:

N.B.: A copy of the certificate must be attached to the HTP.

1.4 APPENDIX K SYSTEM (SELF MADE)

[a]	Main/Lateral bar	Front bar	Diagonals	Other struts	Cross braces
Outer diameter (mm)					
Wall thickness (mm)					

[b] Material specification:

[c] Drawing numbers according to App. K - App. VI (including the basic drawings and drawings of all options used):

1.5 PERIOD SPECIFICATION SYSTEM

[a]	Main/Lateral bar	Front bar	Diagonals	Other struts	Cross braces
Outer diameter (mm)					
Wall thickness (mm)					

[b] Material specification:

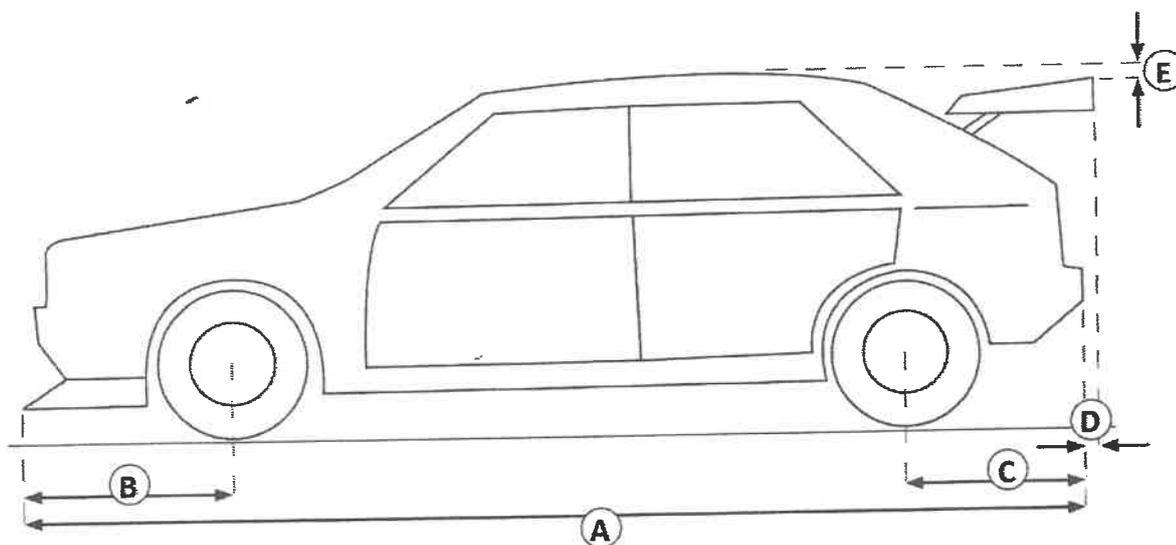
[c] Drawing numbers according to App. K - App. VI (including the basic drawings and drawings of all options used):

[d] Number of mounting points to bodyshell / chassis: 7

1.6 FURTHER INFORMATION, IF NECESSARY:

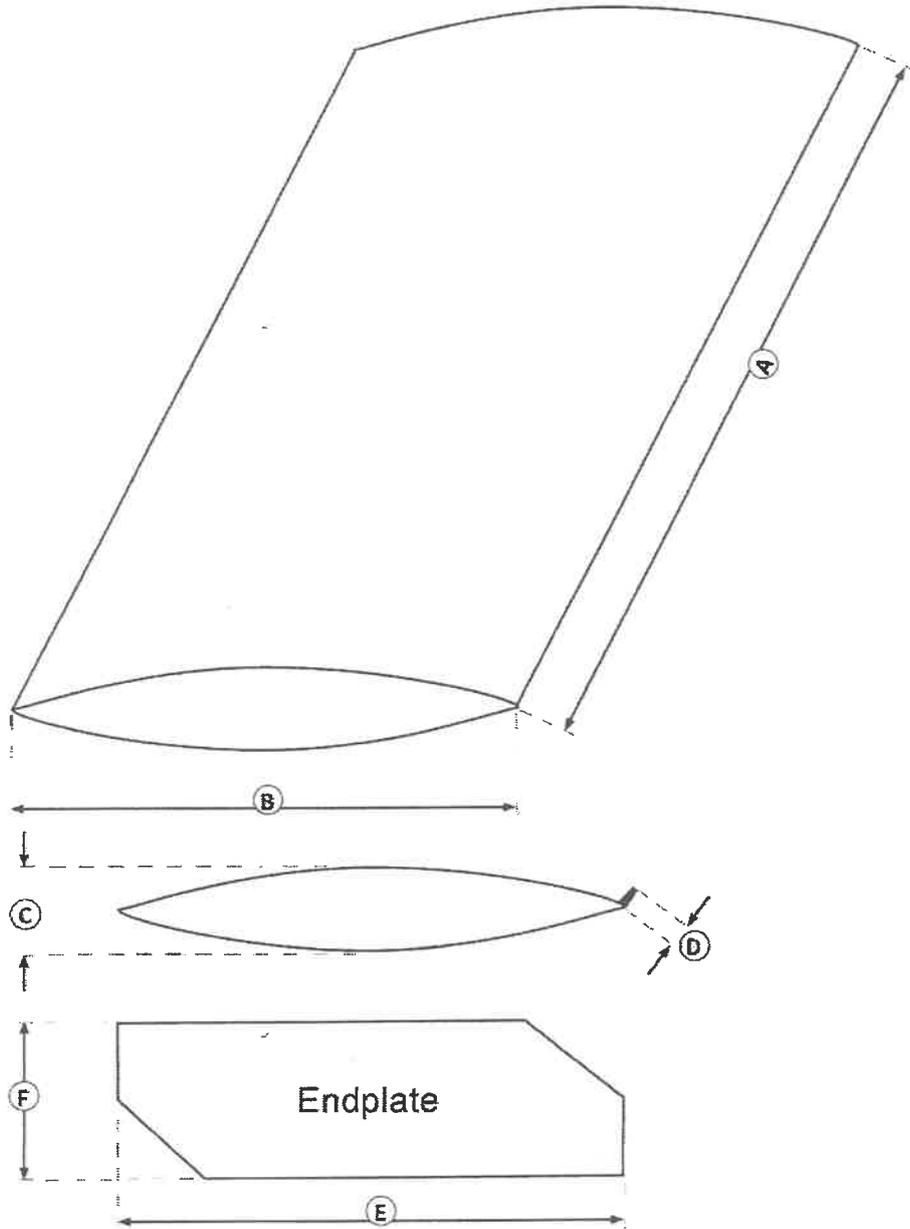
NO MOUNTING POINTS
ASSEMBLED

EXTENSION – AERODYNAMIC DEVICES (MEASUREMENTS)



DIMENSIONS (TOLERANCE FOR ALL DIMENSIONS: +/-1%)

[A]	mm
[B]	mm
[C]	mm
[D]	mm
[E]	mm



NUMBER OF WINGS:

DIMENSIONS (TOLERANCE FOR ALL DIMENSIONS: +/-1%)

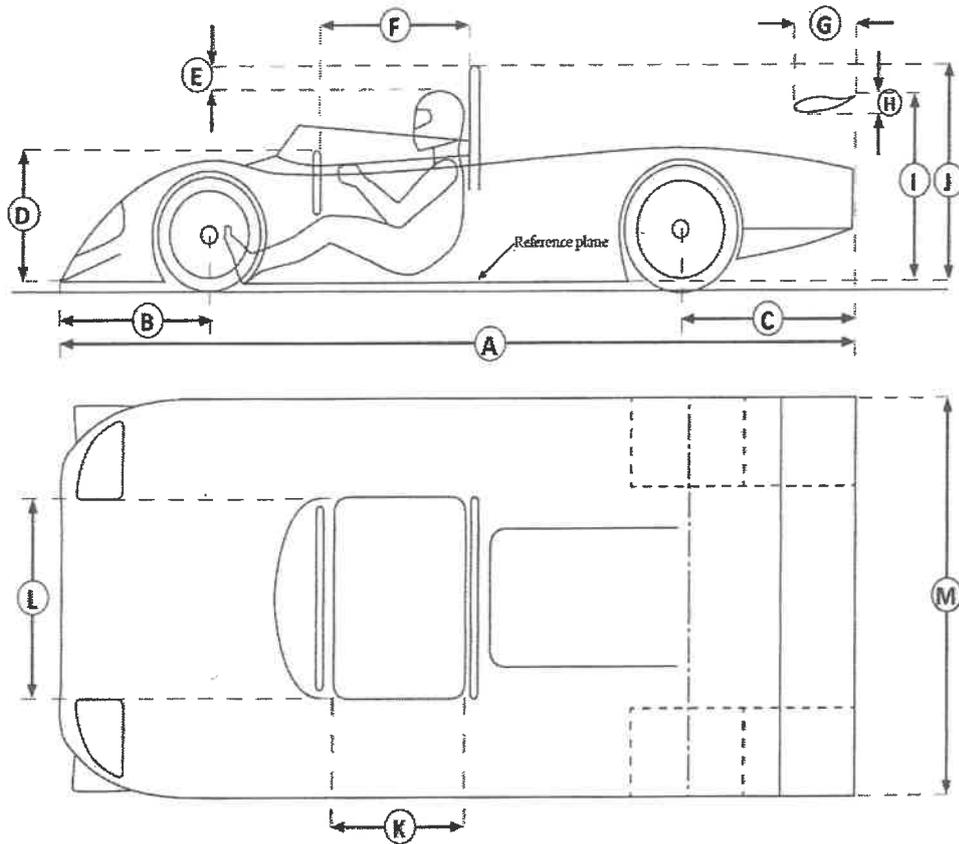
WING 1		WING 2		WING 3	
[A]	mm	[A]	mm	[A]	mm
[B]	mm	[B]	mm	[B]	mm
[C]	mm	[C]	mm	[C]	mm
[D]	mm	[D]	mm	[D]	mm
[E]	mm	[E]	mm	[E]	mm
[F]	mm	[F]	mm	[F]	mm

DIMENSIONS

TOLERANCE FOR ALL

DIMENSIONS: +/-1%)

A]	mm
B]	mm
C]	mm
D]	mm
E]	50 mm min.
F]	mm
G]	mm
H]	mm
I]	mm
J]	mm
K]	mm
L]	mm
M]	mm



DIMENSIONS

TOLERANCE FOR ALL

DIMENSIONS: +/-1%)

A]	mm
B]	mm
C]	mm
D]	mm max.
E]	50 mm min.
F]	mm min.
G]	mm
H]	mm
I]	mm
J]	mm

