



# HISTORIC TECHNICAL PASSPORT - VALID IN: HILL-CLIMB - RACING - RALLY

Issuing ASN: CSAI

Form Number: I 8031

Category: Competition GT Car

Period: H1 - 1972 to 1975

FIA Class: GTS 26

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.

This Technical Passport is not a certificate of authenticity, nor does it in anyway verify the history of the car or its constituent parts. A Technical Passport merely confirms that at the date of the inspection, the car appeared to be eligible to compete in FIA-sanctioned events for historic vehicles.  
The items shown below as "asserted" are those claimed by the owner based upon his best available knowledge.

Marque asserted: LANCIA

Manufacturer asserted: LANCIA

Model asserted: STRATOS HF

Date of original manufacture asserted: 1975

Year asserted: 1975

Engine type: V 6 FHO C

FIA identity n°: 33631

Engine cylinder capacity: 2418 X = 2418 cm<sup>3</sup>

Vehicle chassis / VIN n°: 829ARO 001868

FIA homologation form number (if applicable): 640

Number of relevant valid pages of homologation form: 36



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

Signature given on this form and confirm that to the best of our knowledge and belief, the car complies with the regulations and model represented.



Signature:

Name and status of signatory:

Dott. Ing. Angelo Sticchi Damiani  
CSAI President





**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.

PERIOD IMAGE OF BODYWORK OF ORIGINAL CAR

In case of homologated car only

9 cm x 13 cm

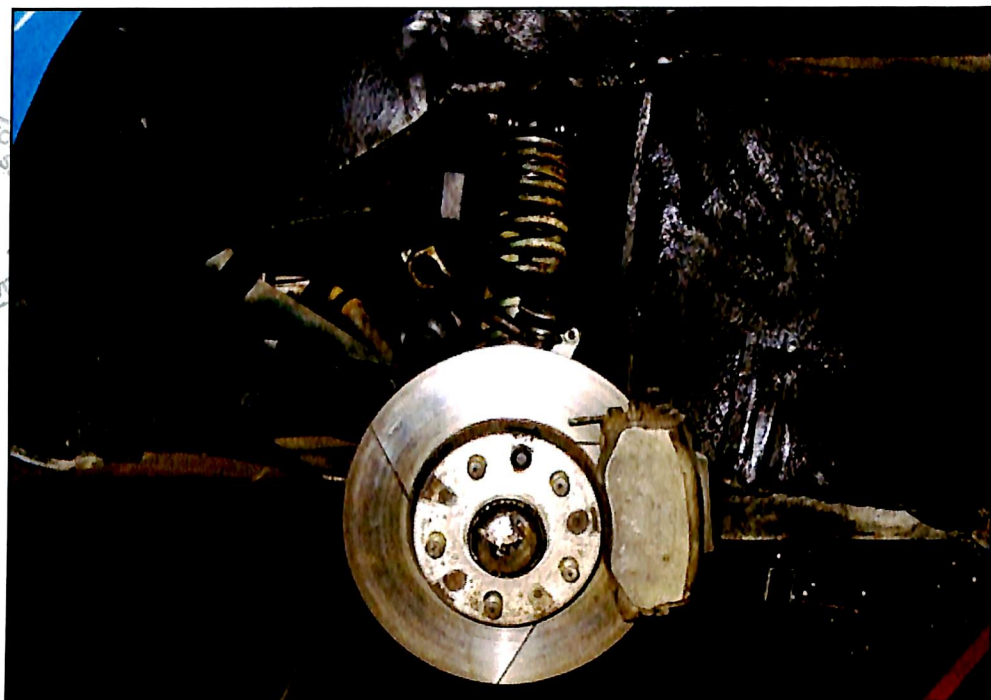


**1 – CHASSIS, SUSPENSION****1.1 CHASSIS FRAME**

[a]	Is the car fitted with a chassis to the original specifications?	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>
[b]	If no, specify and justify the changes in relation to the period specifications:		
[c]	Construction and materials (girder, tubular, monocoque, etc.): MONOCOQUE - STEEL		
[d]	Note position of all identification numbers on the chassis frame: FRONT BAY		

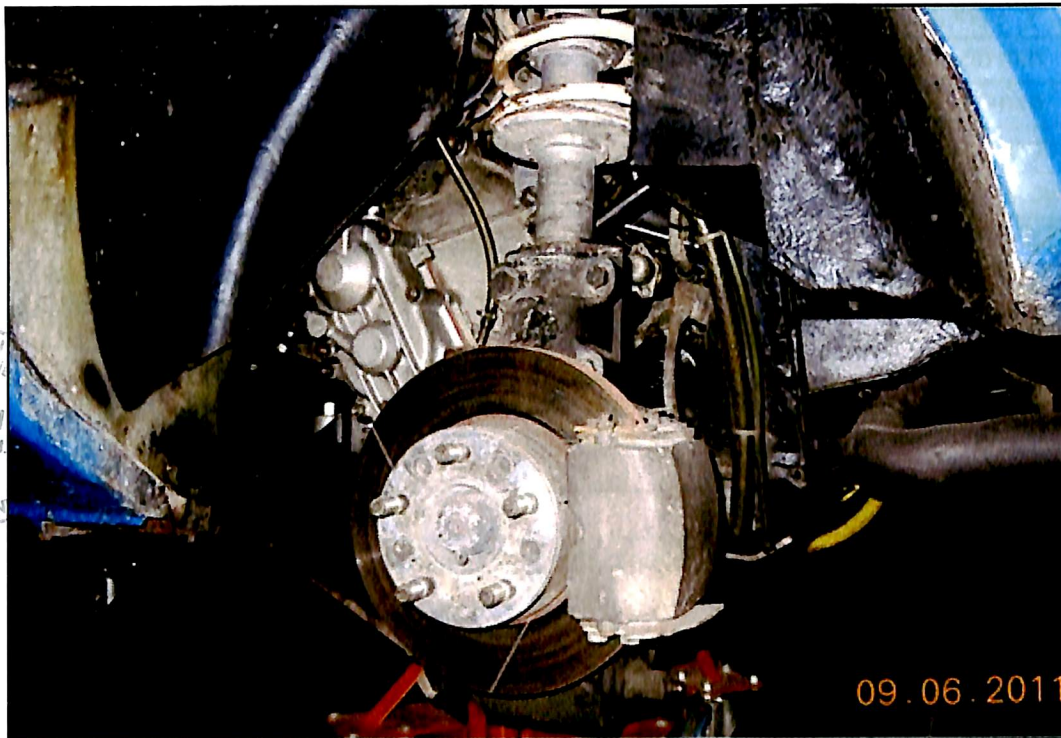
**1.2 FRONT SUSPENSION**

[a]	Is the suspension as per the period specifications and dimensions?	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>
[b]	If no, specify and justify the changes in relation to the period specification:		
[c]	Type of suspension (rigid axle, wishbones, de Dion, etc.): WISHBONES		
[d]	Type of spring (coil, leaf, torsion bar, etc.): COIL		
[e]	Type of dampers (friction, lever, telescopic, etc.): TELESCOPIC		
[f1]	Is the geometry of suspension adjustable?	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>
[f2]	Is the height of suspension adjustable?	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>
[g]	If yes to [f1] and/or [f2], specify the method (Uniball joints, different mountings, etc.): UNIBALL JOINTS		
[h]	Is it fitted with an anti-roll bar?	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>
[i]	If yes, is this bar adjustable?	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>



## 1.3 REAR SUSPENSION

[a]	Is the suspension as per the period specifications and dimensions?	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>
[b]	If no, specify and justify the changes in relation to the period specification:		
[c]	Type of suspension (rigid axle, wishbones, de Dion, etc.): MC PHERSON		
[d]	Type of spring (coil, leaf, torsion bar, etc.): COIL		
[e]	Type of dampers (friction, lever, telescopic, etc.): TELESCOPIC		
[f1]	Is the geometry of suspension adjustable?	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>
[f2]	Is the height of suspension adjustable?	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>
[g]	If yes to [f1] and/or [f2], specify the method (Uniball joints, different mountings, etc.): UNIBALL JOINTS		
[h]	Is it fitted with an anti-roll bar?	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>
[i]	If yes, is this bar adjustable?	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>



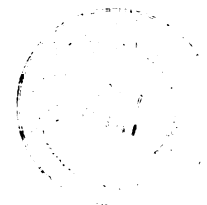
## 2 – ENGINE

## 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]	If no, specify and justify the changes in relation to the period specification:		
[c]	Is the position of the engine as per the period specifications?	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>
[d]	If no, specify and justify the changes:		
[e]	Is the cylinder block cast using the original material and dimensions?	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 the cylinder head cast using the original material and dimensions?	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>
[h]	If no, specify and justify the changes in relation to the period specification:		
[i]	Make: LANCIA	Number of foundry: 829.A 00	
[j]	Period of manufacture: 1975	Operating method: Four-stroke cycle	
[k]	Number of cylinders: 6	Configuration (straight, V, etc.): V	
[l]	Bore: original: 92,5 mm	Stroke: original: 60 mm	
	actual: 92,5 mm	actual: 60 mm	
[m]	Cylinder capacity: original: 2418 cm <sup>3</sup>	actual: 2418 cm <sup>3</sup>	
[n]	Number of ports: 6+6	Number of plugs: 6	Number of valves per cylinder: 2
[o]	Valve sizes: to period specifications:	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>
[p]	If no to this question, specify and justify the changes in relation to the period specification:		

## 2.2 IGNITION

[a]	Is the system 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]	Type (magneto, breaker/coil, etc.): BREAKER/COIL		
[d]	If the ignition is electronic, specify the system: MAGNETI MARELLI		



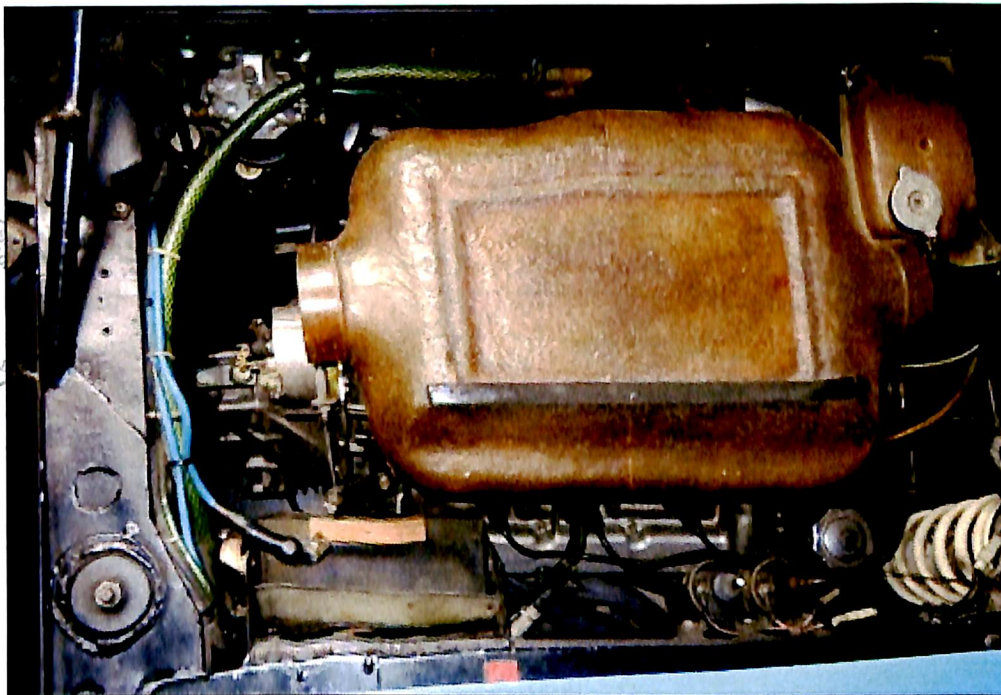


2.3 FUEL FEED

[a]	Are the make, type and number of carburetors / injection 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]	Carburettor: Make: WEBER	Type: 48 IDF	Number:3
[d]	Injection : Make:	Type:	
[e]	If supercharged, is the supercharger as per the period specifications?	yes <input type="checkbox"/>	no <input type="checkbox"/>
[f]	If no, specify and justify the changes in relation to the period specification:		
[g]	Supercharger: Make:	Type:	

2.4 FUEL SYSTEM

[a]	Is the fuel system 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]	Type of fuel feed (gravity, mechanical pump, electric pump, etc.): ELECTRIC PUMP		
[d]	Is the fuel tank as per the period specification's location and does it comply with Appendix K?	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>
[e]	If no, specify and justify the changes in relation to the period specification:		



**2.5 LUBRICATION**

[a]	Is the system 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]	Type (wet sump, dry sump, etc.): WET SUMP		
[d]	Oil cooler:	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 checked="" type="checkbox"/>	no <input type="checkbox"/>

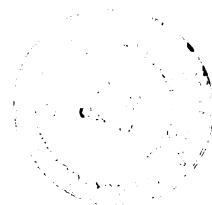
**3 – TRANSMISSION**

**3.1 GEARBOX**

[a]	Is the gearbox 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]	Make: LANCIA	Type: MECHANICAL			
[d]	Number of forward gears: 5	Year of manufacture: 1975			
[e]	Number of teeth :	1st gear: 44/14	2nd gear: 38/17	3rd gear: 37/21	
		4th gear: 34/24	5th gear: 30/26	6th gear:	
	Constant :				

**3.2 FINAL DRIVE**

[a]	Driven wheels:	Front: <input type="checkbox"/>	Rear: <input checked="" type="checkbox"/>
[b]	Drive method (shaft, chain, etc.): SHAFT		
[c]	Is the final drive ratio as per the period specifications?		yes <input checked="" type="checkbox"/> no <input type="checkbox"/>
[d]	Specify the ratio used: 65/19		
[e]	Specify the other ratios available as period specifications: 65/17 - - - - -		
[f]	Is the differential a limited slip differential?		yes <input checked="" type="checkbox"/> no <input type="checkbox"/>
[g]	If yes:	Make: ZF	Model: LS System: DISC



**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]	If no, specify and justify the changes in relation to the period specification:							
[c]	Actuation (cable, rod, hydraulic, etc.):		Front: HYDRAULIC	Rear: HYDRAULIC	Other:			
[d]	Make:		Front: AP	Rear: AP	Other:			
[e]	<u>If drum brakes:</u>	Drum diameter	Front: mm	Rear: mm	Other: mm			
		Shoe width	Front: mm	Rear: mm	Other: mm			
[f]	<u>If disc brakes:</u>	Disc diameter	Front : 267 mm	Rear: 267 mm				
		Disc thickness	Front: 28 mm	Rear: 28 mm				
		Ventilated disc:	Front: yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	Rear: yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>		
		Callipers:	Material at front: ALU		Number of pistons per front calliper: 4			
			Material at rear: ALU		Number of pistons per rear calliper: 4			

**4.2 STEERING**

[a]	Is the steering as per the period specifications?		yes <input type="checkbox"/>	no <input type="checkbox"/>
[b]	If no, specify and justify the changes in relation to the period specification:			
[c]	Type (rack and pinion, worm and roller, etc.): RACK AND PINION			

**5 – WHEELS**

**5.1 WHEELS**

[a]	Are the wheels 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]	Type (wire, pressed steel, alu alloy, magnesium alloy, etc.):		Front: MAGNESIUM ALLOY	Rear: MAGNESIUM LLOY		
[d]	Diameters / widths of rims at the <u>front</u> (specify the units: inches or millimetres):					
	1.	Diameter: 15 "	Width: 7 "	2.	Diameter: 15 "	Width: 8 "
	3.	Diameter: "	Width: "	4.	Diameter: "	Width: "
[e]	Diameters / widths of rims at the <u>rear</u> (specify the units: inches or millimetres):					
	1.	Diameter: 15 "	Width: 7 "	2.	Diameter: 15 "	Width: 8 "
	3.	Diameter: 15 "	Width: 9 "	4.	Diameter: 15 "	Width: 10 "



**6 – BODYWORK, LIGHTING**

6.1 BODY

[a]	Is the body the original one for that chassis?	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>			
[b]	If no, is the body as per the period specifications?	yes <input type="checkbox"/>	no <input type="checkbox"/>			
[c]	If no, specify and justify the changes in relation to the period specification:					
[d]	Is all the material of the body as per the period specifications?	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>			
[e]	If no, specify and justify the changes in relation to the original specification:					
[f]	Type (single-seater, coupé, etc.): COUPE'					
[g]	Material: STEEL + FIBERGLASS					
[h]	Number of seats:	one <input type="checkbox"/>	two <input checked="" type="checkbox"/>	three <input type="checkbox"/>	four <input type="checkbox"/>	other, specify and justify the number:
[i]	Number of doors:	zero <input type="checkbox"/>	two <input checked="" type="checkbox"/>	four <input type="checkbox"/>	other, specify and justify the number:	

6.2 AERODYNAMIC DEVICES (cars built after 1965 only)

[a]	Are these devices as per the period specifications?	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>
[b]	If no, specify the changes in relation to the period specification:		
[c]	Front device:	Minimum height from the ground:     mm	
		Overall dimension measured widthways across the car:     mm	
		Overall dimension from leading to trailing edge:     mm	
[d]	Rear device :	Maximum height from the ground: 980 mm	
		Overall dimension measured widthways across the car: 1580 mm	
		Overall dimension from leading to trailing edge: 100 mm	
		Horizontal distance between rear wheel centre line and rearmost point of rear wing: 700 mm	

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]	Generator:	dynamo <input type="checkbox"/>	alternator <input checked="" type="checkbox"/>	other, specify and justify:

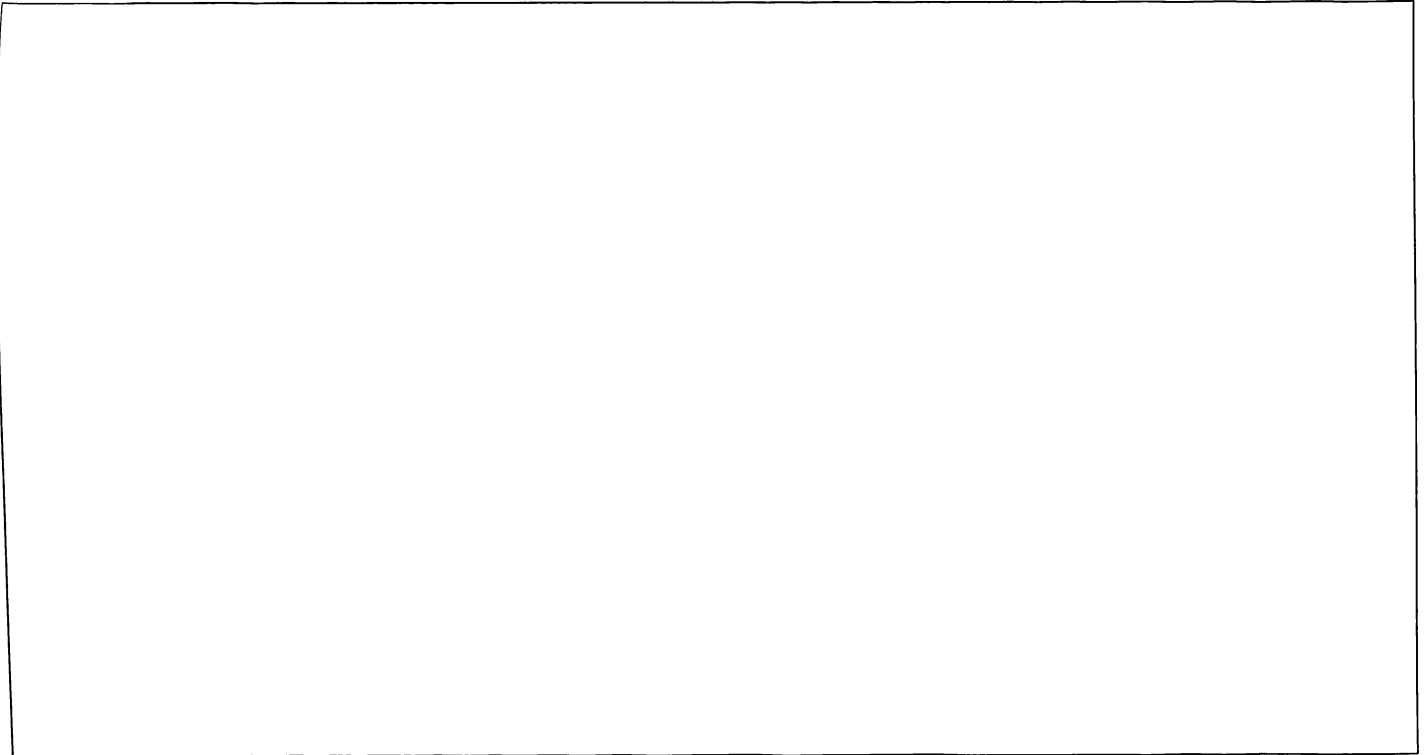
**7 – DIMENSIONS**

7.1 DIMENSIONS

[a]	Wheelbase:	Right: 2180 mm	Left: 2180 mm
[b]	Track (measured between the centres of the tyre treads):	Original front: 1430 mm	Current front:     mm
		Original rear: 1460 mm	Current rear:     mm
[c]	Original weight according to the period specification or manufacturer's catalogue or homologated minimum or formula weight: 880 kg		


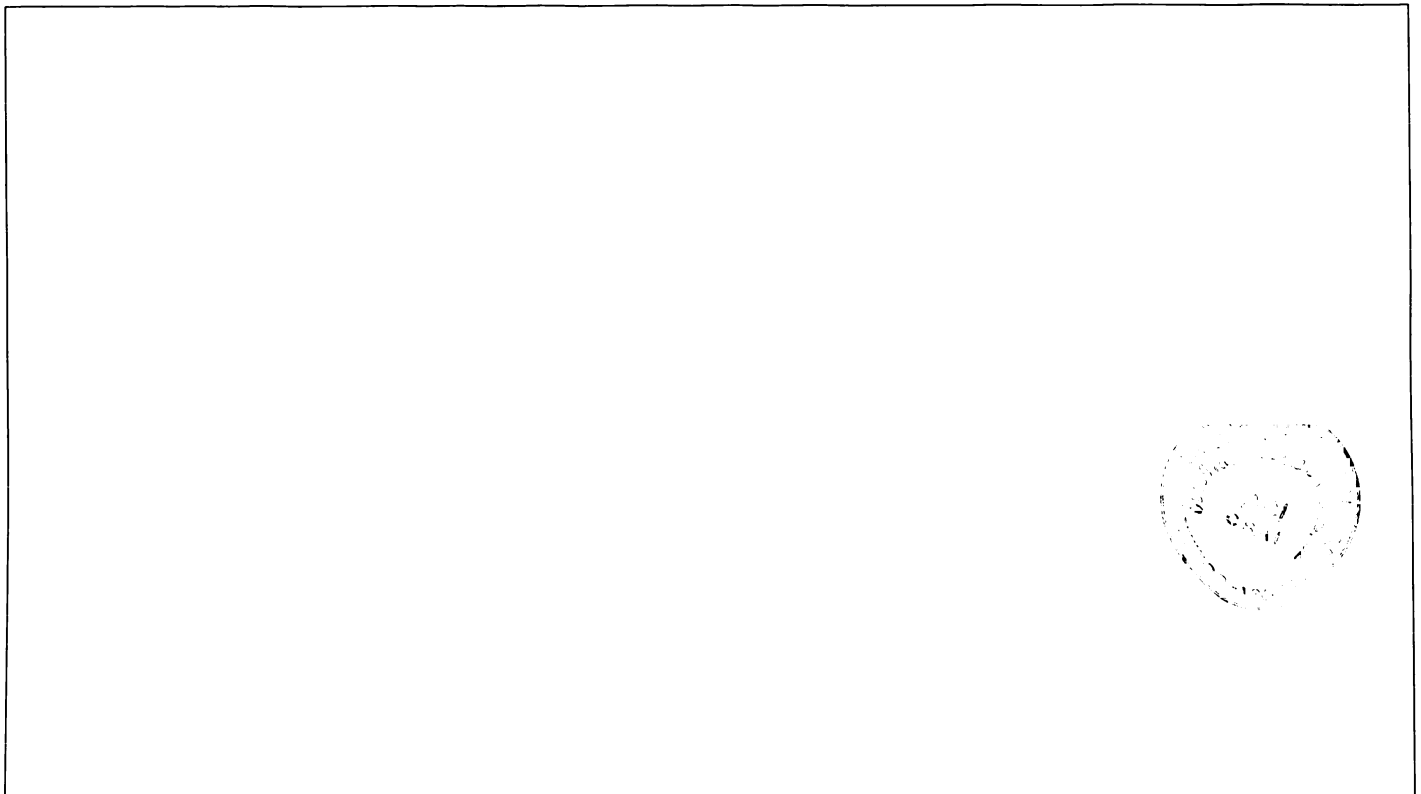
**8 – DRAWINGS**

If necessary, drawings of the aerodynamic devices, suspension, etc.

**9 – DOCUMENTARY REFERENCES**

If the car was not homologated.

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



**10 – TECHNICAL REGULATIONS**

- The car must comply with the technical regulations for Group 4 of Appendix J 1975 of period.
- Or, the car must comply with the following technical regulations: (from 19 ).

The regulations of 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: GUIDO AVANDERO

Full address: VIA IV NOVEMBRE, 36 - 13855 VALDENGO BIELLA

Licence number (if applicable):

Date: 15/06/2011

Signature:

**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):

