

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

COMMISSION HISTORIQUE INTERNATIONALE

Réunion du Mardi 6 Octobre 1987
à 9.30, à PARIS

Question 4

LISTE DES RECORDS : APPROBATION DEFINITIVE DU PROJET DU

COMTE SEHERR-THOSS

IV

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FEDERATION INTERNATIONALE DE L'AUTOMOBILE

INTERNATIONAL HISTORICAL COMMISSION

Meeting on March 20 and 21, 1986

in EPSOM (GB)

History of Automobile World Records
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With the WISE data bank in sight the computing of automobile records is of considerable interest. The CHI Bureau contacted the FISA/Record Commission and offered the files about the development of the automobile records from their beginning up to the present time. The Record Commission agreed. The CHI carry out their offer with this paper dealing with the history of the classic world records.

The courses

The automobile records began at the end of 1898 with the absolute land speed record on the first measured kilometre in Achères near Paris, built and carried out by the ACF. This activity faced considerable interest in the public and developed to an important branch as test and bench for the advanced automobile we know today. After some other places in France and Belgium, Brooklands had been built by Hugh F. Locke-King († 1926) and opened in 1907. This test bench for the British motor-manufacturers gave the idea of enlarging the number of records during these test runs. The track made it possible to travel at high speed over any distance, because of its two bankings on big radius¹), designed by Col. H.C.L. Holden (one lap = 2 miles 1350 yards or 4452 metres). The record business began immediately with a classic record: the 24 hours by S.F. Edge, who was the first to use the detachable Rudge wheels. The last records in Brooklands had been driven in 1939.

¹) 465 and 304 metres

The second important autodrome was Linás-Montlhéry, built by Alexandre Lamblin. The first records were attempted in 1924 over 24 hours by Gros and Martin on a Bignan. The banked track (2548 metres) with a radius of 265 m allowed lap speeds of 250 km/h. Montlhéry developed as the most successful record track ever. The last record attempts occurred here in 1973.

The Avus in Berlin, opened 1921, was a fast course of 19 573 m per lap, two turns with a radius of 143 m (north) and banked under 12° . Owing to these conditions only very few record attempts had been carried out. Lap speed 260 km/h. No further record attempts after 1935.

The test bench for Italy is Monza track, built in 1922 by Arturo Mercanti (1875-1936), Sen. Silvio Crespi (1868-1944) and Pietro Puricelli (1883-1951). The banked track under 21° (4500 m) had radii of 324 and 318 m and a lap speed of 220 km/h. In the new shape of 1955 (4 250 m) the banked track was under 38° with the radii of 318 and 324 m to allow a lap speed of over 280 km/h. This track is still there. ¹⁾

The circle of Nardò nr. Brindisi/I since 1976 measures 12 640.26 m with a radius of 2 km, max. lap speed is 410 km/h.

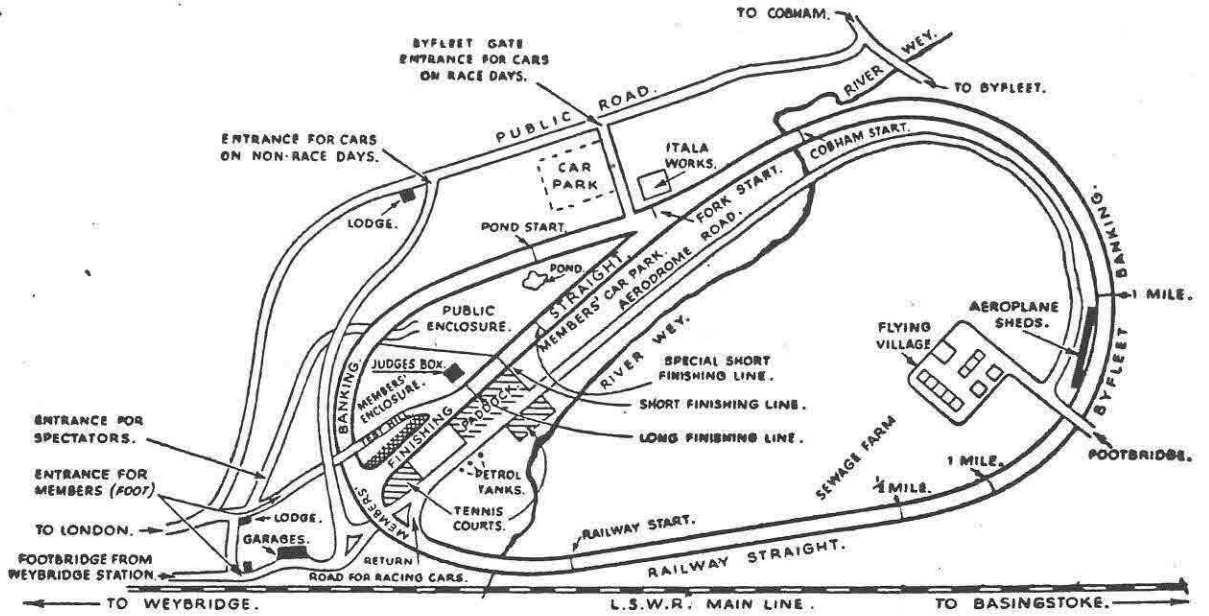
Miramas nr. Marseille, opened 1924, became famous with extra long distance records. One lap is 5014.822 m with a radius of approx. 959 m.

Indianapolis, USA, built in 1909 with a length of 2.5 miles = 4023.35 m, two corners, slightly banked, giving a lap speed of 230 km/h. Used for American stock-car and some long-duration international records. Four straights of 0.62 miles and 183 yd

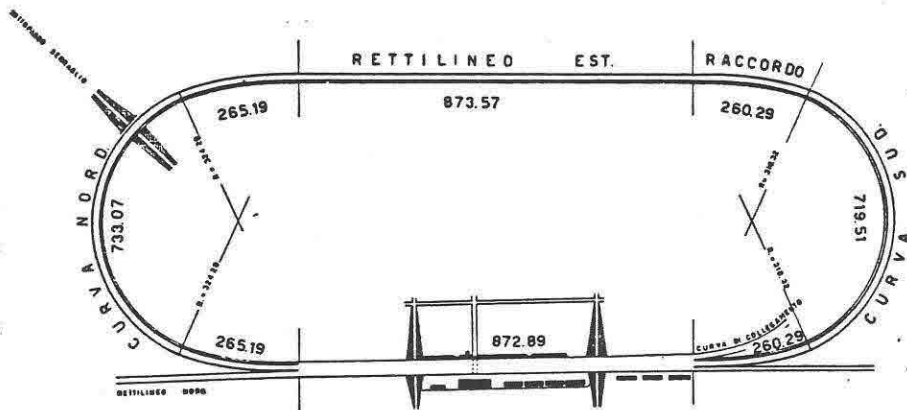
After the beaches in Florida between 1905 and 1935 came the records on the flats near Salt Lake City/Wendover, Utah, called Bonneville after the military engineer and explorer Capt. Benjamin L.E. Bonneville (+ 1878). One lap of the three circuits in 1936-39 was 10 to 12 $\frac{1}{2}$ miles with a radius of 1,6 to 2 miles, inaugurated by Salt Lake City's Mayor David Abbot Jenkins in 1932. The straight for short distance records is 13 miles.

International NASCAR Daytona Beach Speedway, since 1959. One lap is 3976.22 m with three bends, banked under $2 \times 31^\circ$ and 18° , max. straight is 1200 metres. Adapted for duration records, max. lap speed is 290 km/h.

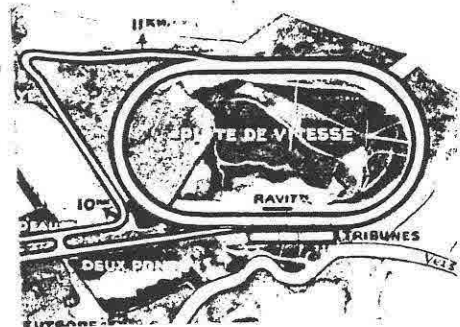
¹⁾ The 10 km road circuit has an $R_{\max} = 320$ m (curva grande), an $R_{\min} = 100$ m and a width of 10-12 metres. This combined circuit allowed a speed of 200 km/h.



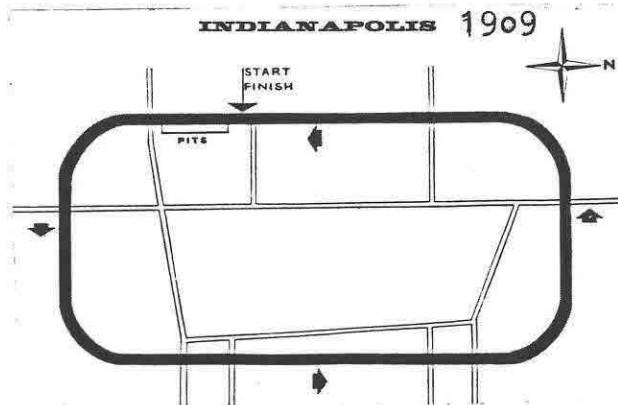
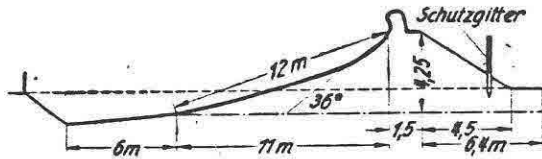
BROOKLANDS TRACK 1907-39



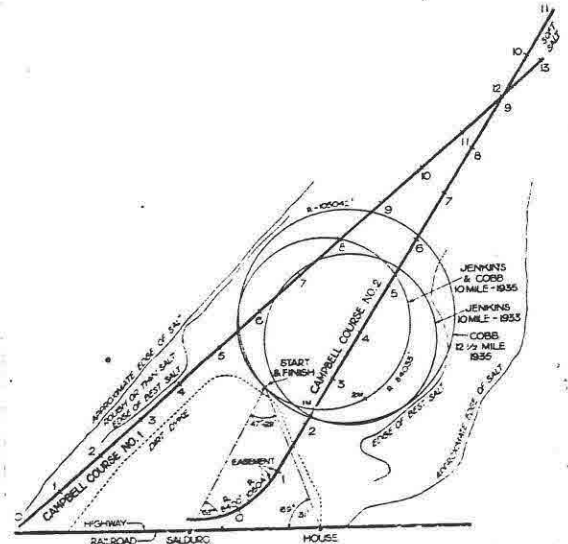
Monza 1955



Linas-Montlhéry 1924



INDIANAPOLIS 1909



Bonneville Salt Flats 1936-

4

The Regulations

The RAC and the BARC introduced the first record regulations which had been drawn up by Major F. Lindsay Lloyd (+ 1940) as Brooklands Clerk of the Course. The AIACR agreed and set up in 1911 the running in two directions in the case of flying start, The timing apparatus had to keep 1/100 of a second for short distances, 1/5 sec. for the longer ranges.

These instruments must be approved nationally and by the AIACR internationally. The condition was to tape 1/100 of a second connected with a writing instrument to record the results and an automatic release which touched the front wheels whilst the vehicle passed the finishing line.

The first timekeeping apparatus recognized by the AIACR was :

- 1910 apparatus by Col. H.C.L. Holden, Brooklands
- 1925 apparatus by L. Leroy & Cie Paris (Brillie/Leroy)
- 1927 apparatus by the Stewart Warner Instrument Comp. USA (Charles H. Warner) for Indianapolis
- 1928 apparatus by F.L. Loebner, Berlin W 9.

1928 Brillie/Leroy developed an apparatus with a beam of light which registered automatically 3 to 4 passages per second. 1/1000 of a second were also registered in high speed record attempts in the early stages.

The official timekeepers in the different countries had to be recognized by the AIACR like the apparatus.

The member clubs had to give ^a detailed report of the record attempts to the AIACR.

WORLD'S RECORDS.

The following is a complete list of World's Records, all of which have been established at Brooklands :-

Record.	Holder.	Driver.	R.A.C. Rating and type.	Time in secs.	Speed, m.p.h.	Date.
Half-mile (flying start)	Cullum and Niven-Jack	V. Hemery	84'8 Benz (4-cyl.)	14'076	127'877	8th Nov., 1909.
Half-mile (standing start)	Cullum and Niven-Jack	V. Hemery	84'8 Benz "	25'506	70'406	"
One kilometre (flying start)	Cullum and Niven-Jack	V. Hemery	84'8 Benz "	17'761	125'947	"
One kilometre (standing start)	Cullum and Niven-Jack	V. Hemery	84'8 Benz "	31'326	71'409	"
One mile (flying start)	Cullum and Niven-Jack	V. Hemery	84'8 Benz "	31'055	125'923	"
One mile (standing start)	Cullum and Niven-Jack	V. Hemery	84'8 Benz "	41'268	87'233	"
* 50 miles	J. C. Christiaens	J. C. Christiaens	45'0 Excelsior (6-cyl.)	0 29 18'45	102'36	15th Nov., 1912.
* 100 miles	W. M. Letts	V. Hemery	59'6 Lorraine-Dietrich (4-cyl.)	1 1 27'69	97'68	27th Nov., 1912.
* 150 miles	W. M. Letts	V. Hemery	59'6 Lorraine-Dietrich (4-cyl.)	1 31 52'06	87'97	"
200 miles	W. M. Letts	V. Hemery	59'6 Lorraine-Dietrich (4-cyl.)	2 5 58'73	95'51	"
* 300 miles (flying start)	R. Warriner	C. M. Smith	59'8 Thames (6-cyl.)	3 30 17'54	85'60	5th Nov., 1909.
* 400 miles (standing start)	W. M. Letts	V. Hemery	59'6 Lorraine-Dietrich (4-cyl.)	4 34 23'87	87'46	27th Nov., 1912.
* 500 miles	W. M. Letts	V. Hemery	59'6 Lorraine-Dietrich (4-cyl.)	5 48 38'87	86'05	27th Nov., 1912.
* 600 miles	L. Coatalen	L. Coatalen and T. H. Richards	30'1 Sunbeam (6-cyl.)	7 57 59'55	75'32	1st Sept., 1912.
* 700 miles	L. Coatalen	L. Coatalen and T. H. Richards	30'1 Sunbeam "	9 16 34'02	75'46	"
* 800 miles	L. Coatalen	L. Coatalen and T. H. Richards	30'1 Sunbeam "	10 34 29'88	75'65	"
* 900 miles	L. Coatalen	D. Resta and R. F. L. Crossman	15'9 Sunbeam (4-cyl.)	11 52 3'2	75'83	21st Sept., 1912.
* 1000 miles	L. Coatalen	D. Resta and R. F. L. Crossman	15'9 Sunbeam "	13 8 25'1	76'102	"

* These Records have now been beaten. The latest figures, which await acceptance as World's Records by the International Federation of Automobile Clubs, are as follows :-

50 miles (standing start)	H. Boissy	J. Goux	30'0 Peugeot (4-cyl.)	0 28 18'65	105'97	12th April, 1913.
100 miles	H. Boissy	J. Goux	30'0 Peugeot (4-cyl.)	0 56 39'93	106'20	"
150 miles	H. Boissy	J. Goux	30'0 Peugeot (4-cyl.)	1 28 35'67	101'59	"
200 miles	L. Coatalen	J. Chassagne and D. Resta	23'8 Sunbeam (6-cyl.)	2 5 6'28	95'92	1st Oct., 1913.
300 miles	L. Coatalen	J. Chassagne and D. Resta	23'8 Sunbeam (6-cyl.)	3 7 45'46	95'87	"
400 miles	L. Coatalen	J. Chassagne and D. Resta	23'8 Sunbeam (6-cyl.)	4 12 15'08	95'14	"
500 miles	L. Coatalen	J. Chassagne, D. Resta and K. Lee Guinness	23'8 Sunbeam (6-cyl.)	5 16 40'01	94'74	"
600 miles	L. Coatalen	ditto	23'8 Sunbeam (6-cyl.)	6 22 54'16	94'02	"
700 miles	L. Coatalen	ditto	23'8 Sunbeam (6-cyl.)	7 29 30'55	93'41	"
800 miles	L. Coatalen	ditto	23'8 Sunbeam (6-cyl.)	8 34 25'15	93'31	"
900 miles	L. Coatalen	ditto	23'8 Sunbeam (6-cyl.)	9 53 22'29	91'00	"
1000 miles	L. Coatalen	ditto	23'8 Sunbeam (6-cyl.)	11 6 38'87	90'00	"

Record.	Holder.	Driver.	R.A.C. Rating and type.	Time in hrs. mins. secs.	Speed, m.p.h.	Date.
* One hour (standing start)	W. M. Letts	V. Hemery	59'6 Lorraine-Dietrich (4-cyl.)	1 00 00	97'59	27th Nov., 1912.
* Two hours	W. M. Letts	V. Hemery	59'6 Lorraine-Dietrich (4-cyl.)	1 59 17'47	94'99	"
* Three hours	W. M. Letts	V. Hemery	59'6 Lorraine-Dietrich (4-cyl.)	2 58 8'17	94'82	"
* Four hours	W. M. Letts	V. Hemery	59'6 Lorraine-Dietrich (4-cyl.)	3 56 1'344	86'19	"
* Five hours	W. M. Letts	V. Hemery	59'6 Lorraine-Dietrich (4-cyl.)	4 52 1'574	84'59	"
* Six hours	W. M. Letts	V. Hemery	59'6 Lorraine-Dietrich (4-cyl.)	5 48 3'12	86'36	"
* Seven hours	L. Coatalen	L. Coatalen and T. H. Richards	30'1 Sunbeam (6-cyl.)	6 45 5'68	75'05	1st Sept., 1912.
* Eight hours	L. Coatalen	L. Coatalen and T. H. Richards	30'1 Sunbeam "	7 42 6'97	75'52	"
* Nine hours	L. Coatalen	L. Coatalen and T. H. Richards	30'1 Sunbeam "	8 39 1'58	75'34	"
* Ten hours	L. Coatalen	L. Coatalen and T. H. Richards	30'1 Sunbeam "	9 36 2'48	75'71	"
* Eleven hours	L. Coatalen	L. Coatalen and T. H. Richards	30'1 Sunbeam "	10 33 3'72	75'72	"
* Twelve hours	L. Coatalen	D. Resta and R. F. L. Crossman	15'9 Sunbeam (4-cyl.)	11 30 4'10	75'92	21st Sept., 1912.
* Thirteen hours	L. Coatalen	D. Resta and R. F. L. Crossman	15'9 Sunbeam "	12 27 5'987	75'99	"
* Fourteen hours (flying start)	S. F. Edge	S. F. Edge	60 Napier (6-cyl.)	13 24 6'938	67'02	29th June, 1907.
Fifteen hours	S. F. Edge	S. F. Edge	60 Napier "	14 21 7'1006	67'13	"
Sixteen hours	S. F. Edge	S. F. Edge	60 Napier "	15 18 8'1068	66'76	"
Seventeen hours	S. F. Edge	S. F. Edge	60 Napier "	16 15 9'1139	67'03	"
Eighteen hours	S. F. Edge	S. F. Edge	60 Napier "	17 12 10'1203	66'86	"
Nineteen hours	S. F. Edge	S. F. Edge	60 Napier "	18 9 11'1263	66'51	"
Twenty hours	S. F. Edge	S. F. Edge	60 Napier "	19 6 12'1327	66'38	"
Twenty-one hours	S. F. Edge	S. F. Edge	60 Napier "	20 3 13'1390	66'22	"
Twenty-two hours	S. F. Edge	S. F. Edge	60 Napier "	21 0 14'1458	66'27	"
Twenty-three hours	S. F. Edge	S. F. Edge	60 Napier "	21 57 15'1519	66'05	"
Twenty-four hours	S. F. Edge	S. F. Edge	60 Napier "	22 54 16'1581	65'905	"

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Record.	Holder.	Driver.	R.A.C. Rating and type.	Time in hrs. mins. secs.	Speed, m.p.h.	Date.
One hour (standing start)	H. Boissy	J. Goux	30'0 Peugeot (4-cyl.)	1 00 00	106'22	12th April, 1913.
Two hours	L. Coatalen	J. Chassagne	23'8 Sunbeam (6-cyl.)	1 59 1'29	97'55	1st Oct., 1913.
Three hours	L. Coatalen	J. Chassagne and D. Resta	23'8 Sunbeam (6-cyl.)	2 57 8'56	95'83	"
Four hours	L. Coatalen	J. Chassagne and D. Resta	23'8 Sunbeam (6-cyl.)	3 54 6'23	95'09	"
Five hours	L. Coatalen	J. Chassagne, D. Resta and K. Lee Guinness	23'8 Sunbeam (6-cyl.)	4 51 4'64	94'05	"
Six hours	L. Coatalen	ditto	23'8 Sunbeam (6-cyl.)	5 48 5'66	94'39	"
Seven hours	L. Coatalen	ditto	23'8 Sunbeam (6-cyl.)	6 45 6'65	93'29	"
Eight hours	L. Coatalen	ditto	23'8 Sunbeam (6-cyl.)	7 42 7'48	93'51	"
Nine hours	L. Coatalen	ditto	23'8 Sunbeam (6-cyl.)	8 39 8'540	93'43	"
Ten hours	L. Coatalen	ditto	23'8 Sunbeam (6-cyl.)	9 36 9'910	91'06	"
Eleven hours	L. Coatalen	ditto	23'8 Sunbeam (6-cyl.)	10 33 10'989	89'95	"
Twelve hours	L. Coatalen	ditto	23'8 Sunbeam (6-cyl.)	11 30 11'1070	89'85	"
Thirteen hours	H. G. Perrot	W. G. Scott and L. G. Hornsted	15'9 Argyll (4-cyl.)	12 27 12'992	76'33	27th May, 1913.
Fourteen hours	H. G. Perrot	W. G. Scott and L. G. Hornsted	15'9 Argyll (4-cyl.)	13 24 13'1070	76'43	"

Before World War I record lists had been published in the Brooklands official race cards by the Brooklands Automobile Racing Club (BARC). During the AIACR Congress in London, December 7/8, 1922, the General Assembly acknowledged the first list of new world records which remained unchanged 1923.

First AIACR List of Automobile World Records 1922/23

FLYING START

Date	Distance	Driver, Nation, Car	Circuit	Time	km/h	m.p.h.
→ 1922 17.5.	1/2 mile	Kenelm Lee Guinness, GB, Sunbeam V 12 (18322)*Dunlop	Brooklands	13.23	218.95	131.86
	1 km	" "	"	16.725	215.25	133.75
	1 mile	" "	"	27.87	207.87	130.48
	2 miles	" "	"	58.965	196.52	
18.5.	5 miles	" "	"	2-34.18	185.915	
22.11.	10 miles	Count Louis Vorow Zborowski, GB, Ballot (4817)	"	5-11.49	183.395	115.57

STANDING START

1922 17.5.	1/2 mile	Kenelm Lee Guinness, GB, Sunbeam V 12 (18322) *Dunlop	"	23.46	123.47	
	1 km	" "	"	26.735	134.65	
	1 mile	" "	"	37.255	155.51	98.54
10.	600 km	Pietro Bordino, I, Fiat	Monza	4:16.15, 2		
9.	700 km	404 (1.94)*Pirelli		4:58.05		
	800 km	" "		5:43.13		
24.	1100 miles	H.Kensington Moir, S.C.	Brook-	14:30.24, 4	122.028	
5.	1800 km	H.Davis, Clive Gallop, GB,	lands	14:44.10, 6	122.14	
	1900 km	Aston-Martin(1.5)*Pirelli		15:32.48, 8	122.21	
	1200 miles	" "	" "	15:46.52	122.196	
	2000 km	" "	" "	16:20.23, 6	122.4	
	1139 miles	" "	" "	15 hours		75.99
	1218 miles	" "	" "	16 hours		76.2
	1275 miles	" "	" "	17-19 hours		75.02-67.

During the congress of 1922 in London the AIACR established the "Commission Sportive Internationale" (CSI) and charged it with the preparation of a "Règlement Général Sportif". It was inaugurated officially on October 28, 1925, and came into force on March 17, 1926. This regulation had been introduced as "Code Sportif International" on March 17, 1928. Its annexes C - E deal with record terms.

The distances

In their session on March 19, 1926, in Paris the AIACR laid down these records on distance and on time :

Distance, flying start : km - mile - 5 km - 5 miles -
10 km - 10 miles

standing start : km - mile - 50 km - 50 miles -
100 km - 100 miles - 500 km -
500 miles - 1000 km and miles
to 50000 km and miles and more.

Time, standing start : 1 - 3 - 6 - 12 - 24 hours and more,
likewise in days.

1922-26 the AIACR only recognized world records. Record lists, formerly published in the Brooklands official race cards by the BARC, came out in Paris first. in 1927 according to the new Code Sportif.

Certain distances and times which are characteristic for the achievement of the car's performance are the prominent records. We will now consider them in their development from the beginning. The guidelines for this study include as reference points : date, drivers, cars, location and the result of the attempt. In the case that these points are not sufficient, further details can be investigated in the specialist literature or in journals of the time.

Now we enter the field of several classic records.

Records with flying start

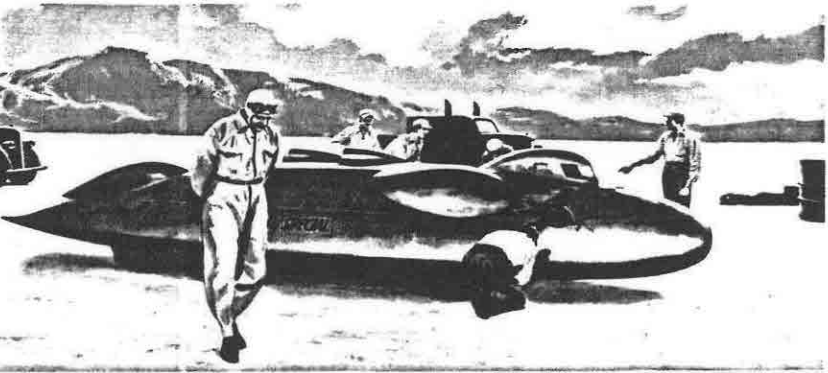
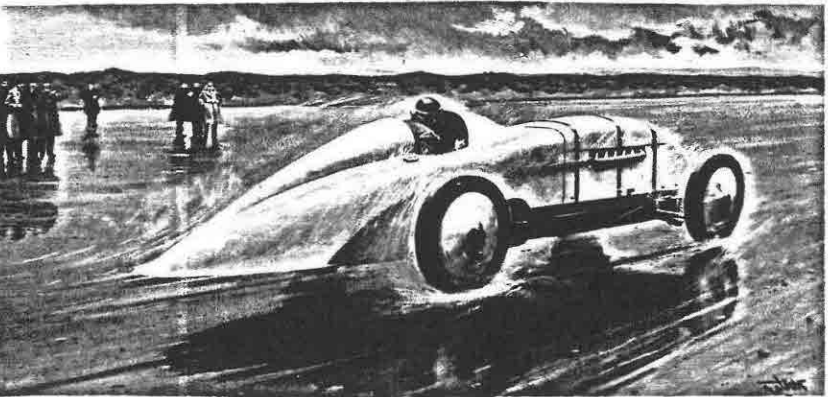
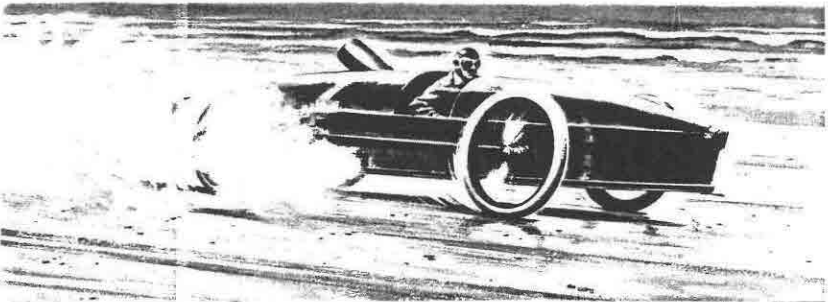
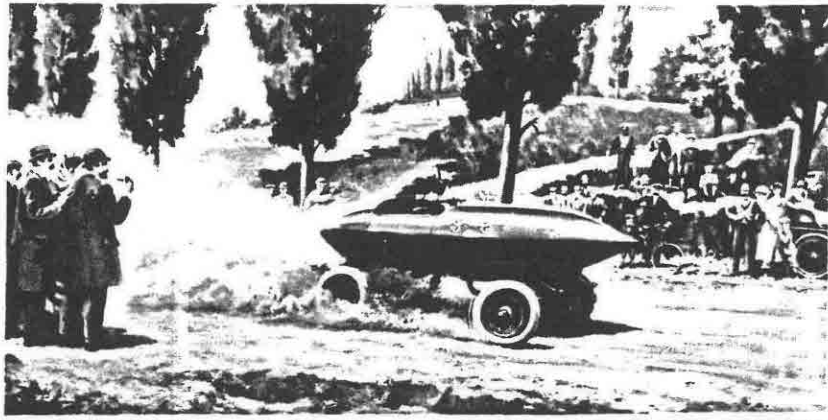
Certainly the most well known records are those with flying start, called the "absolute land speed record". This topic is reported regularly to the public and printed in all papers of the world. This record has attracted the highest degree of science, technical know how, cooperation with many branches of industry and scientists from 1898 to the present days. The electric and steam engines began and since 1902 the reciprocating combustion engines on pistons controlled the record scene. Then in 1962 when the Southern California Timing Association created the new category "Jet propelled vehicles unlimited" the jet age began on land. The FIA approved this category in 1964.

But this technical progress required a revision of the record prescriptions in Appendix D of the Code Sportif. The Comité approved these regulations in 1968, to be enforced as from January 1, 1970. The land vehicles are divided now into automobiles on four wheels and special vehicles with other means of propulsion than by wheels (jets and hovercraft). The automobiles are divided into eight groups :

- | | |
|-------------------------------------------|------------------------------------|
| I/II reciprocating four
stroke engines | VII electric vehicles |
| III/IV Diesel engines | VIII turbine engines ¹⁾ |
| V/VI rotating engines | |

¹⁾ FIA Bulletin Sportive 1969, No. 19

Date	Driver, Nation	Car, Engine	Location	Distance	Time (sec.)	Average	
						km/h	m.p.h.
<u>Automobiles with Electric Engines</u>							
<u>1 8 9 8</u> 18. 12.	C ^{te} Gaston de Chasse- loup-Laubat, F	Jeantaud 36 PS	Achères	km	57	63.157	39.25
<u>1 8 9 9</u> 17. 1.	Camille Jenatzy, B	Jenatzy Electr. 100 PS *Michelin	"	km	54	66.666	41.43
27. 1.	" "	" " "	"	km	44.4	80.357	49.93
4. 3.	C ^{te} Gaston de Chasse- loup-Laubat, F	Jeantaud 36 PS *Michelin	"	km	38.8	92.783	57.66
29. 4.	Camille Jenatzy, B	Jenatzy Electr. 100 PS*Michelin	"	km	34	105.882	65.8
<u>1 9 0 2</u>	Walter Baker, USA	Baker Electric Torpedo		mile		145	90.1
<u>1 9 6 8</u> 19. 11.	Jerry Kugel, USA	Ford Autolite "Lead Wedge"/GE	Bonneville Salt Flats	mile	25.925	223.48	134.86
<u>1 9 7 4</u> 23. 8.	Roger Hedlund, USA	Battery Box/GE	" "	km mile	12.778 20.581	281.734 281.503	175.061 174.918
<u>Automobiles with Steam Engines</u>							
<u>1 9 0 1</u> . 3.	Léon Serpollet, F	Gardner-Serpol- let 12 PS*Michelin	Nice	km	35.4	100.5	62.45
<u>1 9 0 2</u> 13. 4.	" "	" " "	"	km	29.2	120.805	75.07
<u>1 9 0 5</u> 4. 7.	Webb Jay, USA	White 20 HP	Morris Park	mile	48.3		
<u>1 9 0 6</u> 25.+27.1.	Alfred H. Mariott, USA	Stanley Steamer	Ormond Beach, Fla.	km mile	18.2 28.1	195.652 205.5	121.58 127.7
<u>1 9 6 9</u>	USA	Vaporizer	Bonneville Salt Flats			240	149.14



Date	Driver, Nation	Car	Location	Dis- tance	Time (sec.)	Average	
						km/h	m.p.h.

Automobiles with reciprocating piston engines

<u>1902</u>								
5. 8.	William K.Vanderbilt USA	Mors 60 HP*Con- tinental	St ^e Arnoult- Ablis	km mile	29.4 48.4	122.448	76.08	
5. 11.	Henry Fournier, F	" "	Dourdan	km mile	29.2 47.4	123.287	76.60	
17. 11.	Gabriel Augé, F	Mors 60 HP*Mi- chelin	"	km mile	29 46	124.137 125.944	77.13 78.26	
<u>1903</u>								
17. 7.	Rigolly, F	Gobron-Brillié 110 HP*Michelin	Ostende	km	26.8	134.328	83.47	
5. 11.	Arthur Duray, F	" "	Dourdan	km	26.4	136.363	84.73	
<u>1904</u>								
12. 1.	Henry Ford, USA	Ford 999 (17.7) *Goodyear	Lake St.Clair	mile	39.2	147.014	91.37	
26. 1.	William K.Vanderbilt USA	Mercedes 90 HP *Continental	Ormond Beach	mile km	39 24.2	148.511 148.76	92.3 92.44	
31. 3.	Rigolly, F	Gobron-Brillié 110 HP*Michelin	Nice	km	23.6	152.542	94.78	

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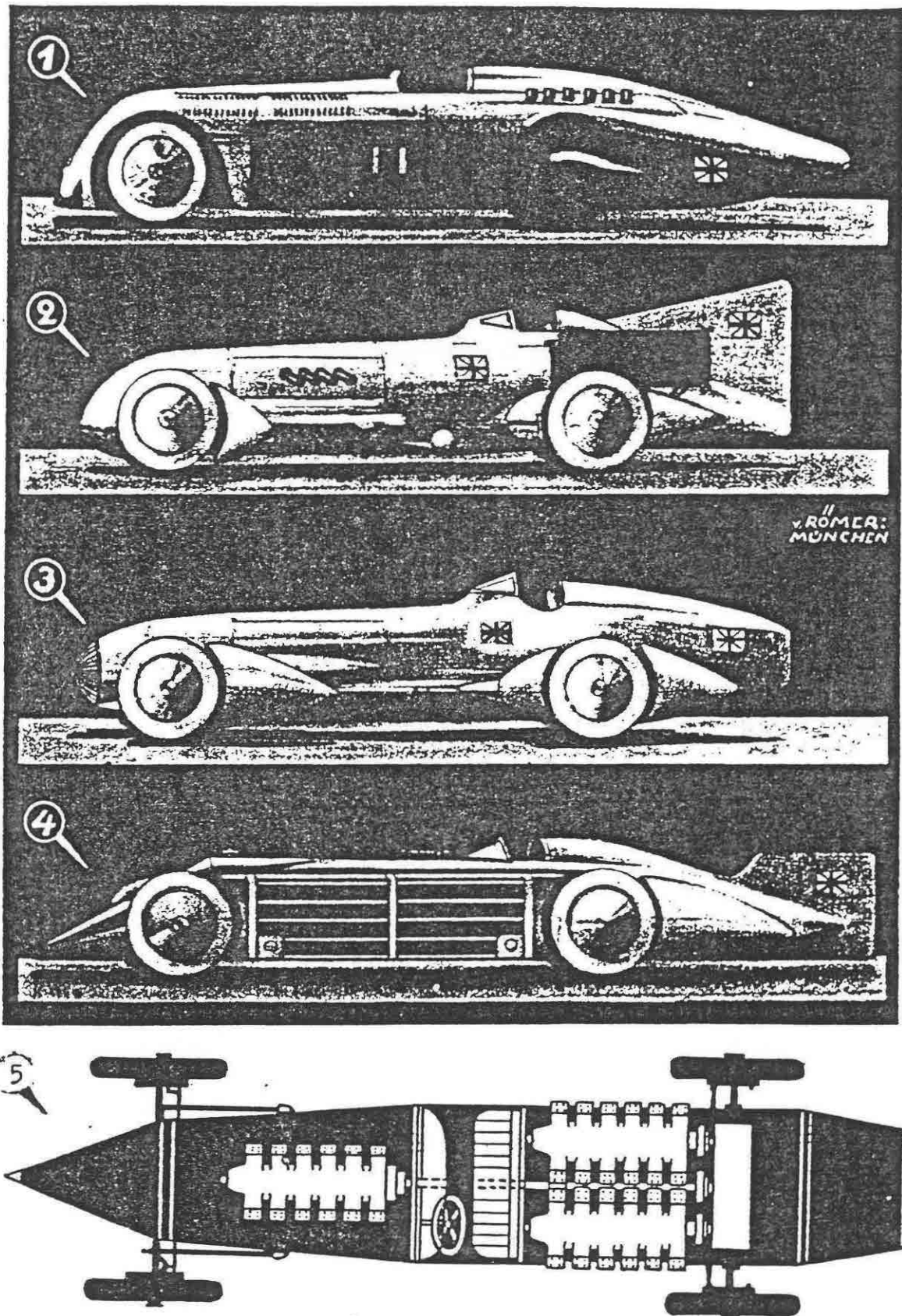
Date	Driver, Nation	C a r	Location	Distance	Time	A v e r a g e	
					(sec.)	km/h	m.p.h.
<u>Reciprocating piston engines</u> (continued)							
<u>1 9 0 4</u> 14. 5.	Baron Pierre de Caters, B	Mercedes 90 HP *Continental	Nieuport-Ostende	km	23	156.521	97.26
20. 7.	Rigolly, F	Gobron-Brillie 110 HP*Michelin	"	km	21.6	166.666	103.56
13.11.	Paul Baras, F	Darracq 100 HP ^{Mi} _{chel}	"	km	21.4	168.224	104.65
<u>1 9 0 5</u> 25. 1.	H. L. Bowden, USA	Mercedes 2x60 HP	Ormond Beach	mile	32.8	176.588	109.65
23.12.	Victor Héméry, F	Darracq 200 HP ^{Dum} _{lop}	Arles-Salon	km	20.3	177.339	110.19
<u>1 9 0 6</u> 25. 1.	Alfred H. Mariott, USA	Stanley Steamer	Ormond Beach	mile	28.1	205.443	127.57
18. 7.	Algernon Lee Guinness, GB	Darracq 200 HP ^{Dum} _{lop}	Ostende	km	18.2	197.802	122.91
<u>1 9 0 9</u> 8. 11.	Victor Héméry, F	Benz 200 HP(21.6)	Brooklands	km mile	17.761 31.055	202.691	125.95 115.92
<u>1 9 1 0</u> 16. 3.	Barney Oldfield, USA	Benz 200 HP*Firestone	Daytona Beach	km mile	17.04 27.033	211.267 211.937	131.28 131.72
<u>1 9 1 1</u> 21. 4.	Bob Burman, USA	" " "	"	km mile	16.27 26.12	221.266 221.807	137.49 137.82
23. 4.	" " "	" " "	"	km mile	15.88 25.4	226.7 228.094	140.87 141.37
<u>1 9 1 4</u> 14. 6.	L. G. Hornsted, GB	" " "	Brooklands	mile	29.1	199.75	124.1
<u>1 9 1 9</u> 18. 2.	Ralph de Palma, USA	Packard 12 cyl.	Daytona Beach	km mile	14.85 24.02	242.424 241.141	150.64 149.87
<u>1 9 2 0</u> 24. 4. 27. 4.	Tommy Milton, USA	Duesenberg 2x8 cyl.	Daytona Beach	km mile "	14.65 23.56 23.07	249.942 251.068	155.31 156.04 156.04

-4-

Date	Driver, Nation	Car	Location	Distance	Time (sec.)	Average km/h	Average m.p.h.
<u>Reciprocating piston engines</u> (continued)							
<u>1922</u> 17.5.	Kenelm Lee Guinness, GB	Sunbeam V 12 (18322)*Dunlop	Brooklands	km mile	16.725 27.87	215.206 207.87	133.75 129.17
<u>1924</u> 26.6.	J.G. Parry Thomas, GB	Leyland-Thomas (27059)*Dunlop	Pendine Sands	mile	27.75	208.779	129.73
6.7.	René Thomas, F	Delage V 12 (10688)*Dunlop	Arpajon	km mile	15.615 25.12	230.548 230.638	143.26 143.312
12.7.	Ernest A.D. Eldridge, GB	Fiat (21.77) *Dunlop	"	km mile	15.32 24.675	234.986 234.794	145.9 146.0
25.9.	Malcolm Campbell, GB	Sunbeam V 12 (18322)*Dunlop	Pendine Sands	km	15.305	235.217	146.16
<u>1925</u> 21.7.	" "	" "	"	km mile	14.827 23.878	242.833	150.76 150.766
<u>1926</u> 16.3.	Henry O.D. Segrave, GB	Sunbeam 306 HP (3976)*Dunlop	Southport	km	14.684	245.165	152.33
27.4.	J.G. Parry Thomas, GB	Higham "Babs" /Liberty 450 HP *Dunlop	Pendine Sands	km mile	13.213 21.419	272.459 270.491	169.3 168.075
28.4.	" "	" "	"	km mile	13.08 21.099	275.229 274.592	171.09 171.02
<u>1927</u> 4.2.	Malcolm Campbell, GB	Blue Bird I/Napier* Dunlop	"	km mile	12.791 20.663	281.526 280.386	174.88 174.224
29.3.	Henry O.D. Segrave, GB	Sunbeam(44888) 2 x 800 HP*Dunl.	Daytona Beach	km mile	11.02 17.665	326.678 327.932	202.99 203.79
<u>1928</u> 19.2.	Malcolm Campbell, GB	Blue Bird I /Napier 940 HP (23948)*Dunlop	Ormond Beach	km mile	10.84 17.395	332.103 333.062	206.36 206.956
22.4. 28.4.	Ray Keech, USA "	White-Triplex/ 3 Liberty (27033) *Firestone	Daytona Beach	mile km	17.345 10.78	334.023 333.951	207.552 207.51
<u>1929</u> 11.3.	Henry O.D. Segrave, GB	Irving "Golden Arrow"/Napier Lion Dunlop	"	km mile	9.665 15.56	372.478 372.336	231.44 231.362
<u>1931</u> 5.2.	Malcolm Campbell, GB	Blue Bird II /Napier Lion (23948)*Dunlop	"	km mile	9.09 14.65	396.039 395.469	246.09 245.73

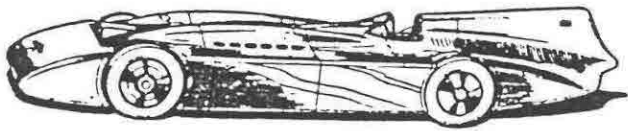
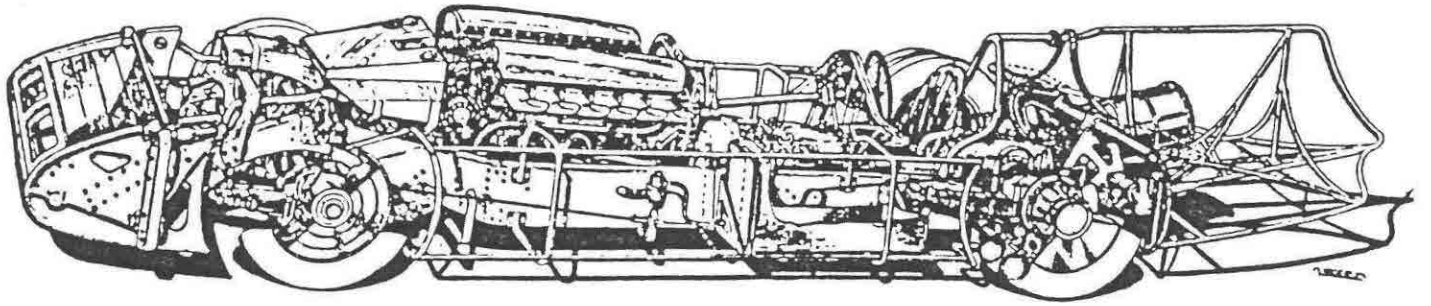
- 12 -

Date	Driver, Nation	C r	Location	Distance	Time (sec.)	Average km/h	Average m.p.h.
<u>Reciprocating piston engines (continued)</u>							
<u>1 9 3 2</u> 24. 2.	Malcolm Campbell, GB	Blue Bird II /Napier Lion 1450 HP*Dunlop	Daytona Beach	km mile	8.81 14.175	408.63 408.721	253.91 253.44
<u>1 9 3 3</u> 22. 2.	" "	Blue Bird II /RR (18348)*Dunlop	"	km mile	8.21 13.23	438.489 437.915	272.46 272.11
<u>1 9 3 5</u> 7. 3.	" "	Blue Bird III /RR 2500 bHP*Dunlop	"	km mile	8.1 13.005	444.444 445.519	276.16 276.82
3. 9.	" "	" " IV "	Bonneville Salt Flats	km mile	7.42 11.955	485.175 484.619	301.47 301.13
<u>1 9 3 7</u> 19.11.	George E.Th.Eyston, GB	Thunderbolt I /2 RR 4600 bHP (36696)*Dunlop	"	km mile	7.165 11.56	502.442 501.181	312.0 311.42
<u>1 9 3 8</u> 27. 8.	" "	Thunderbolt II	"	km mile	6.48 10.42	555.556 556.01	345.21 345.49
15. 9.	John Rh. Cobb, GB	Napier Railton /2 Napier Lion(23.94) *Dunlop	"	km mile	6.39 10.28	563.38 563.692	350.07 350.2
16. 9.	George E.Th.Eyston, GB	Thunderbolt II *Dunlop	"	km mile	6.26 10.07	575.08 575.381	357.34 357.5
<u>1 9 3 9</u> 23. 8.	John Rh. Cobb, GB	Napier Railton (23.94)*Dunlop	"	km mile	6.05 9.76	595.041 593.61	369.7 368.85
<u>1 9 4 7</u> 16. 9.	" "	Railton Mobil Spl. /2 Napier Lion 2950 bHP*Dunlop	"	km mile	5.68 9.1325	633.802 634.403	393.83 394.2
<u>1 9 6 5</u> 12. 11.	Robert Sherman Summers, USA	Goldenrod/4 Chry- sler V 8 (4x6.98) *Firestone	"	km mile	5.46 8.796	659.341 658.668	409.69 409.28

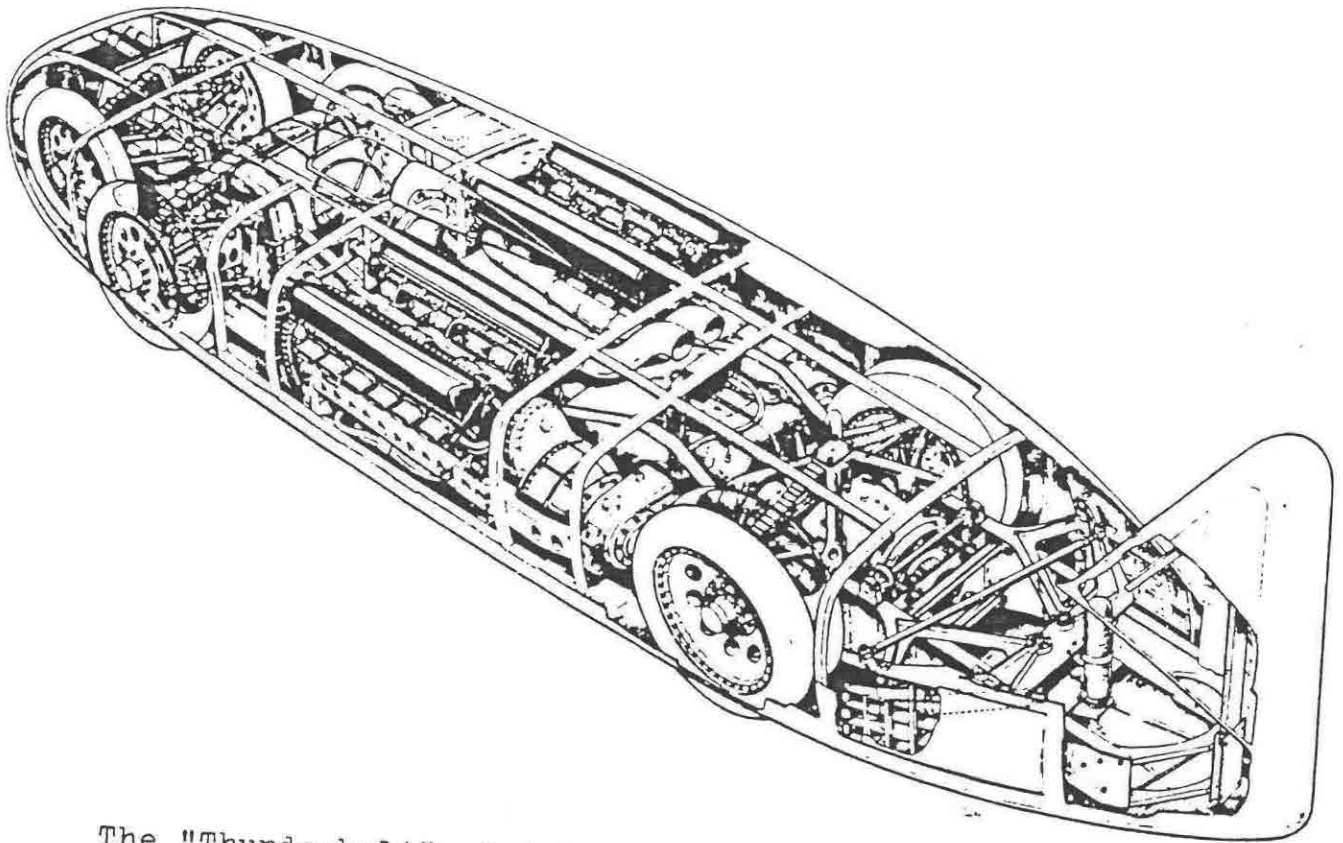


Contenders for the land speed record 1927-29.

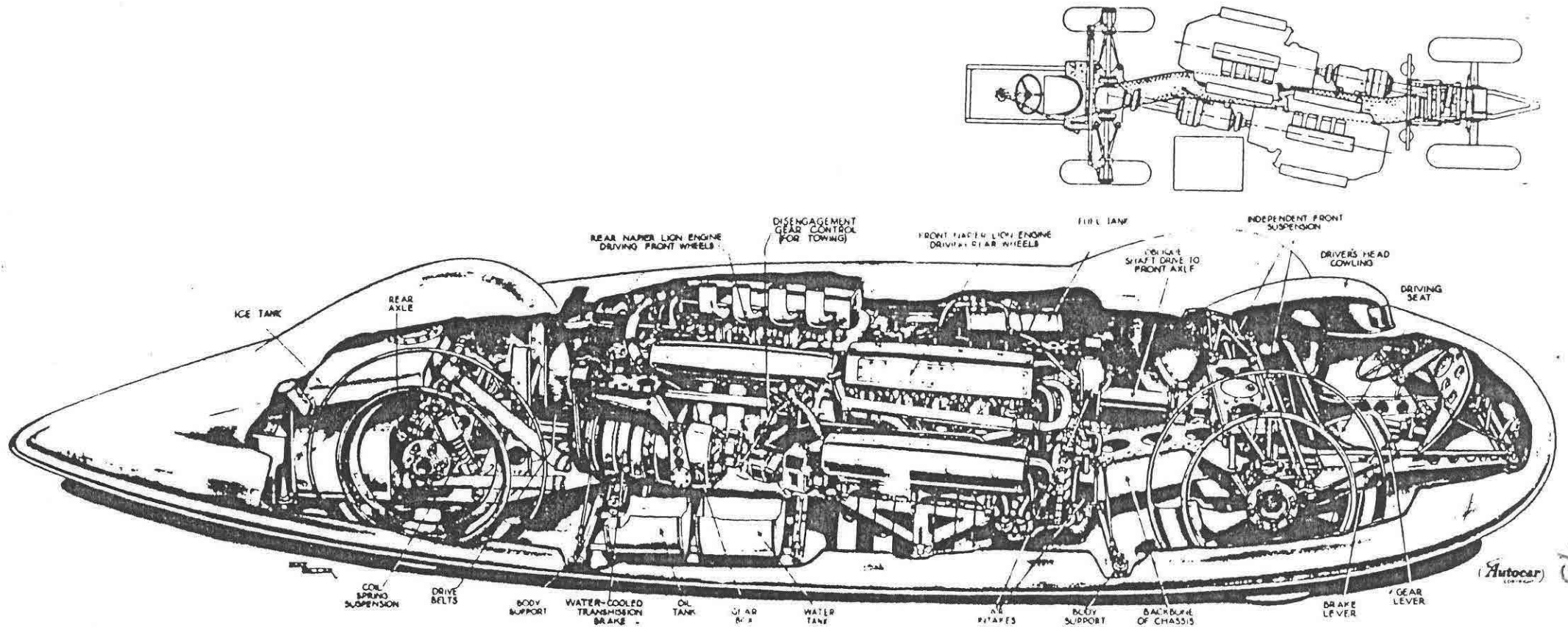
1) Twin-engined Sunbeam, 2) Napier "Blue Bird I", 3) Napier "Blue Bird II", 4) Napier "Golden Arrow", 5) Liberty "White Triplex", USA



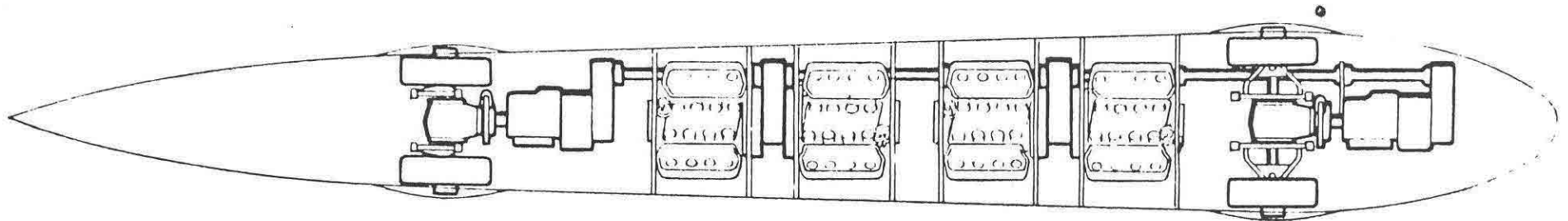
"Blue Bird III" of Sir M. Campbell,
1935



The "Thunderbolt" of G.E.T. Eyston 1938



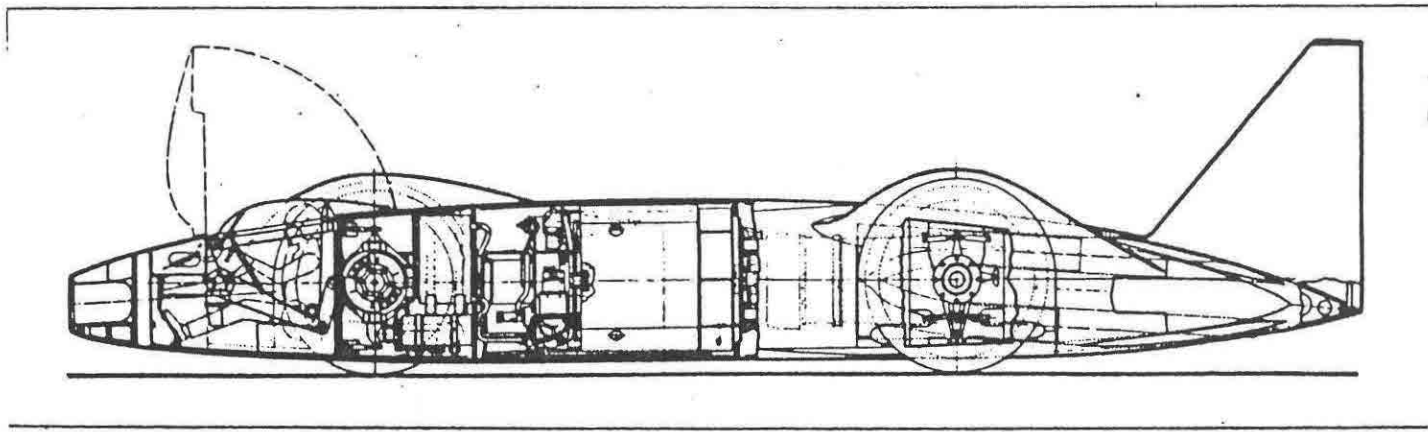
Napier-Railton 1938/39, Railton-Mobil Spl. 1947



The "Goldenrod" of the Summers Bros., USA, 1965

Date	Driver, Nation	Car	Location	Distance		Time (sec.)	Average	
				km	mile		km/h	m.p.h.
<u>Automobiles with turbine engines</u>								
<u>1952</u>	C. Spenser King, GB	Rover 200 bHP(212	Ostende-	km		15.935	225.918	140.38
25.6.	" " "	*Dunlop kg	Ghent	mile		26.205	222.833	138.46
26.6.	" " "	" "	"	km		14.725	244.482	151.91
				mile		23.815	243.28	151.17
<u>1956</u>	Jean Hébert, F	Renault "Etoile	Bonneville	km		11.73	306.903	190.7
4.9.		Filante"/Turbo-	Salt Flats	mile		18.83	307.707	191.2
		méca 270 bHP*Dunl.		5 km		58.28	308.834	191.9
<u>1963</u>	Ilja Tichomirov, UdSSR	Pioneer II	Bascuntchak	km		11.56	311.418	193.51
1.9.	UdSSR	(488 kg)	Salt Lake					
<u>1964</u>	Donald Malcolm	Blue Bird II	Lake Eyre	km			621.106	385.94
1.6.	Campbell, GB	/Bristol Siddeley	AUS					
17.7.		Proteus 4250 bHP		km		5.67	634.9	394.51
		*Dunlop		mile		8.93	648.728	403.1

Donald Campbells "Bluebird" II" 1964 with turbine engine



Date	Driver, Nation	Car, Engine	Location	Distance	Time (sec.)	Average km/h	Average m.p.h.
<u>Automobiles with Electric Engines</u>							
<u>1898</u> 18. 12.	C ^{te} Gaston de Chasseloup-Laubat, F	Jeantaud 36 PS	Achères	km	57	63.157	39.25
<u>1899</u> 17. 1.	Camille Jenatzy, B	Jenatzy Electr. 100 PS *Michelin	"	km	54	66.666	41.43
27. 1.	" "	" " "	"	km	44.4	80.357	49.93
4. 3.	C ^{te} Gaston de Chasseloup-Laubat, F	Jeantaud 36 PS *Michelin	"	km	38.8	92.783	57.66
29. 4.	Camille Jenatzy, B	Jenatzy Electr. 100 PS*Michelin	"	km	34	105.882	65.8
<u>1902</u>	Walter Baker, USA	Baker Electric Torpedo		mile		145	90.1
<u>1968</u> 19. 11.	Jerry Kugel, USA	Ford Autolite "Lead Wedge"/GE	Bonneville Salt Flats	mile	25.925	223.48	134.86
<u>1974</u> 23. 8.	Roger Hedlund, USA	Battery Box/GE	" "	km mile	12.778 20.581	281.734 281.503	175.061 174.918
<u>Automobiles with Steam Engines</u>							
<u>1901</u> . 3.	Léon Serpollet, F	Gardner-Serpollet 12 PS*Michelin	Nice	km	35.4	100.5	62.45
<u>1902</u> 13. 4.	" "	" " "	"	km	29.2	120.805	75.07
<u>1905</u> 4. 7.	Webb Jay, USA	White 20 HP	Morris Park	mile	48.3		
<u>1906</u> 25.+27.1.	Alfred H. Mariott, USA	Stanley Steamer	Ormond Beach, Fla.	km mile	18.2 28.1	195.652 205.5	121.58 127.7
<u>1969</u>	USA	Vaporizer	Bonneville Salt Flats			240	149.14

Date	Driver, Nation	Car, Engine	Location	Distance	Time (sec.)	Average km/h	Average m.p.h.
<u>Special Vehicles with Jet Engines</u>							
<u>1 9 6 2</u> 6. 8.	Dr. Nathan Ostich, USA	Flying Caduceus/GE -J 47*Firestone	Bonneville Salt Flats	mile		331.526	206
8. 8.	" "	" "	" "	mile		521.429	324
31. 8.	Arthur Arfons, USA	Green Monster/GE- - J 47*Firestone	" "	mile		530.991	330.013
<u>1 9 6 4</u> 2. 10.	Tom Green, USA	Wingfoot Express /GE J-46*Goodyear	" "	km mile	8.7125	668.021 664.98	415.11 413.22
5. 10.	Arthur Arfons, USA	Green Monster/GE- J 79*Firestone	" "	km mile	5.15 8.2945	698.75 698.492	434.2 434.04
27. 10.	" "	" "	" "	km mile	4.111 6.707	875.69 863.82	544.15 536.78
<u>1 9 6 5</u> 2. 11.	Craig Norman Breed- love, USA	Spirit of America "Sonic 1"/GE-J 79 *Goodyear	" "	km mile	4.027 6.485	893.964 893.392	555.51 555.15
7. 11.	Arthur Arfons, USA	Green Monster/GE- J 79*Firestone	" "	km mile	3.907 6.244	921.423 927.873	572.57 576.58
15. 11.	Craig Norman Breed- love, USA	Spirit of America "Sonic 1"/GE-J 79	" "	km mile	3.723 5.994	966.961 966.575	600.87 600.63
<u>1 9 7 0</u> 23.10.	Gary Gabelich, USA	Blue Flame/Reac- tion Dynamics*Goody.	" "	km mile	3.5485 5.784	1 014.294 1 001.453	630.388 622.407
<u>1 9 8 3</u> 4. 10.	Richard Noble, GB	Thrust 2/RR 302 Avon	Red Rock Salt Lake (Nevada)	km mile	5.683	1 020.478 1 019.44	634.051 633.468

1 0 k m f l y i n g s t a r t

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(Cancelled 1970)

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Date	Driver, Nation, Car	Location	Time (min.)	Average km/h
<u>1907</u> 15.-18.7.	Pierre de Caters, B, Mercedes 1200 PS	Ostende	5-27.1	110.1
<u>1908</u> 13.-17.7.	Pierre de Caters, B, Mercedes	Ostende	5- 6.4	117.7
<u>1914</u> Juli	L. G. Hornsted, GB, Benz 200 PS <u>first in two directions</u>	Ostende	4- 8.9	144.7
<u>1923</u> 6.5.	Mauriz. Ramassotto, I, Chiribiri(1.5) <i>Chiribiri (1.5)</i>	Cremona		161.2
<u>1924</u> 9.6. 23.10.	Antonio Ascari, I, Alfa-Romeo P2(1.99) J.G. Parry Thomas, GB, Leyland Spl.*Dunlop	Cremona Montlhéry	2-56.3	195.0 203.8
<u>1925</u> 29.3. 9.6. 6.8.	Ernest A. Eldridge, GB, Fiat 300 PS*Dunlop J.G. Parry Thomas, GB, Leyland Spl.*Dunlop Robert Benoist, F, Delage 12 Zyl.(10688) *Dunlop	Montlhéry " "	2-54.35 2-52.6 2-48.27	206.5 208.4 213.9
<u>1926</u> 2.10. 9.10.	Marius Breton, F, Panhard-Levassor 20 CV Ernest A. Eldridge, GB, Miller (2.0)	Montlh. lhéry	2-40.98 2-39.45	223.6 225.7
<u>1929</u> 28.9.	M. U. Borzacchini, I, Maserati (4.9)*Dunlop	Cremona	2-26.3	246.0
<u>1932</u> 26.2.	Malcolm Campbell, GB, Blue Bird-Napier *Dunlop	Daytona Beach	1-33.725	384.1
<u>1939</u> 26.8.	John Rh. Cobb, GB, Napier-Railton*Dunlop	Bonneville Salt Flats	1-19.04	455.4
<u>1959</u> 6.10.	Mickey Thompson, USA, Challenger I-4 Pontiac (28.9)*Goodyear	Bonneville Salt Flats	1-08.2835	527.2
<u>1965</u> 12.10.	Craig Norman Breedlove, USA, Spirit of America Sonic 1-GE J-79*Goodyear	Bonneville Salt Flats	1-01.763	582.8

10 miles flying start (Cancelled 1970)

Date	Driver, Nation, Car	Location	Time (min.)	Average km/h
1901	Alexander Winton, USA, 40 hp	Buffalo-		
27.9	" " " " " 40 HP	Eric Grosse	13-39	
25.10	" " " " " 40 HP	Point	11-9	
1904	Barney Oldfield, USA, Peerless 60 HP	New York	9-12.3	
29.10				
1905	Edward R. Thomas, USA, Mercedes 90 PS	Ormond-	6-31.4	147.84
26.1.	" " " " " "	Daytona B.		
30.1.	" " " " " "	"	6-18.2	153.3
1906	Arthur Mac Donald, USA, Napier 90 HP*Palmer	"	6-15	
24.1.				
1909	David Bruce Brown, USA, Benz 120 PS	Daytona B.	5-14.2	184
24.3.		Beach		
1914	L.G. Hornsted, GB, Benz 200 PS (21.5) <u>first in two directions.</u>	Brooklands	5-19.7	181.1 ¹¹²
22.				
1919	Ralph de Palma, USA, Packard Twin Six [101x152x12] Speedster <u>one direction</u>	Daytona B.	4-9.31	232.332
12.2.				
1922				
20.5.	H.O.D. Segrave, GB, Sunbeam (4.91) 6 cyl.	Brooklands	5-18.22	182.065 ¹¹³
9.11.	J.G. Parry Thomas, GB, Leyland*Contin.	Brooklands	5-13.76	182.657
22.11.	Count Louis Zborowski, GB, Ballot (4817)	Brooklands	5-11.49	183.395
1923	Capt. J.E.P. Howey, GB, Leyland (7.27)	Brooklands		187.344 ¹¹⁴
31.10.				
19.	J.G. Parry Thomas, GB, Leyland Spl. *Goodyear	Brooklands		187.085 ¹¹⁵
6.				
1924	Ernest A. Eldridge, GB, Fiat 300 PS (21.7)*Rapson	Brooklands	4-56.49	195.44 ¹²¹
27.11.				
22.	J.G. Parry Thomas, GB, Leyland Spl.	Brooklands		120.46
1925	J.G. Parry Thomas, GB, Leyland-Th. *Rapson	Montlhéry	4-52.95	197.76 ¹²²
9.6.				
1926	J.G. Parry Thomas, GB, Leyland-Th. *Dunlop	Brooklands	4-45.64	202.82 ¹²⁶
8.6.				
7.9.	Ernest A. Eldridge, GB, Miller (1.5)	Montlhéry	4-33.25	212.02 ¹³¹
21.9.	" " " " " "	Montlhéry	4-31.75	132.47
1928	César Marchand, F, Voisin *Dunlop	Montlhéry	4-29.58	214.91 ¹³³
12.1.				
1929	Leon Duray, USA, Packard Cable ^{sp} (1.5) *Firestone 8 Zyl. 200PS	Montlhéry	4-26.01	217.79 ¹³⁵
10.8.				
1930	Mrs. Gwenda Stewart, GB, Derby-Miller	Montlhéry	4-22.38	220.76 ¹³⁷
13.2.				

<u>1932</u> 26.1.	Norman Smith, AUS, Fred H. Stewart Spl Napier Lion *Dunlop	Ninety Mile Beach/ NZ	3-39.4	264.0
<u>1935</u> 6.9.	George E.T. Eyston, GB, Speed of the Winds-Rolls Royce R*Dunlop	Bonneville Salt Flats		268.8
<u>1936</u> 24.3. 11.11.	Hans Stuck, D, Auto Union (6.0)*Contin. Rudolf Caracciola, D, Mercedes-B. 12 Zyl. (5:58)*Continental	RAB Frankfurt " "	3-22.225 2-53.73	286.4 333.4
<u>1937</u> 16.6.	Bernd Rosemeyer, D, Auto Union (6.5) *Continental	" "	2-40.815	360.3
<u>1939</u> 2.8.	John Rh. Cobb, GB, Napier Railton(23.9) *Dunlop	Bonneville Salt Flats	2-13.155	435.0
<u>1959</u> 6.0.	Mickey Thompson, USA, Challenger I/Pon- tiac (28.9)*Goodyear	Bonneville Salt Flats	2- 5.804	460.6

The records over 10 kilometres and 10 miles are included in the record history between 1901-69 with flying start, and since 1970

with standing start. The 10 miles with flying start had been the hardest test for the tyres because they had to cover twenty miles at high speed. The cars used here came also from other fields than of the world's land speed class. The German Autobahn considerably raised the speed and so especially did the Bonneville Salt Flats in Utah, USA.

The reciprocating piston engine played the biggest part in the land speed record, namely from 1902-63. The turbine engine in wheel-driven automobiles (gr. 8) passed the 400 miles-mark, but made no advance in the last twenty years.

So we observe the great concern of industry with the actual speed records, not only from a public point of view, but also as regards progress.

Clearer distinction between automobiles and special vehicles (Code Sportif International, Art. 13) in two basic categories :

- automobiles, running on at least four wheels not aligned, two of which at least assume the steering function and two at least the propulsion (Cat. A)
- special vehicles, propelled otherwise than through their wheels (Cat. C).

The record distances had been divided since 1967 into :

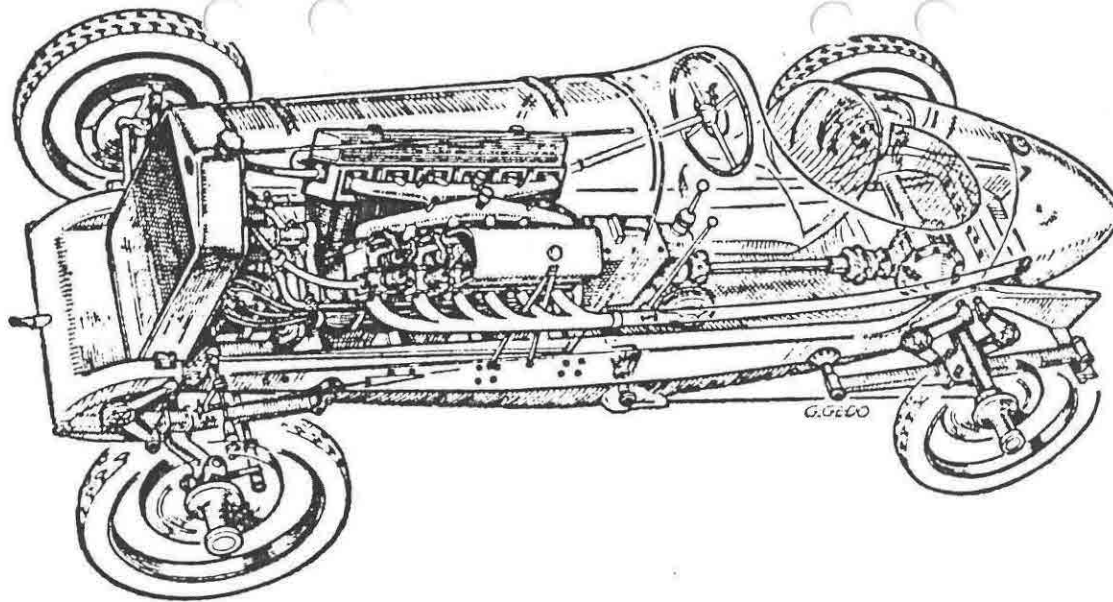
- Distance records with flying start : 1 km, 1 mile
- Acceleration records with standing start : $\frac{1}{4}$ mile, $\frac{1}{2}$ km, 1 km
- Distance records with standing start (km and miles) : 10, 100, 500, 1000, 5000, 10000, 25000, 50000 and 100000.
- Time records with standing start : 1, 6, 12 and 24 hours.

Cars of Cat. A, groups 2, 4 and 6 can only establish duration records up to 1000 miles and 6 hours.

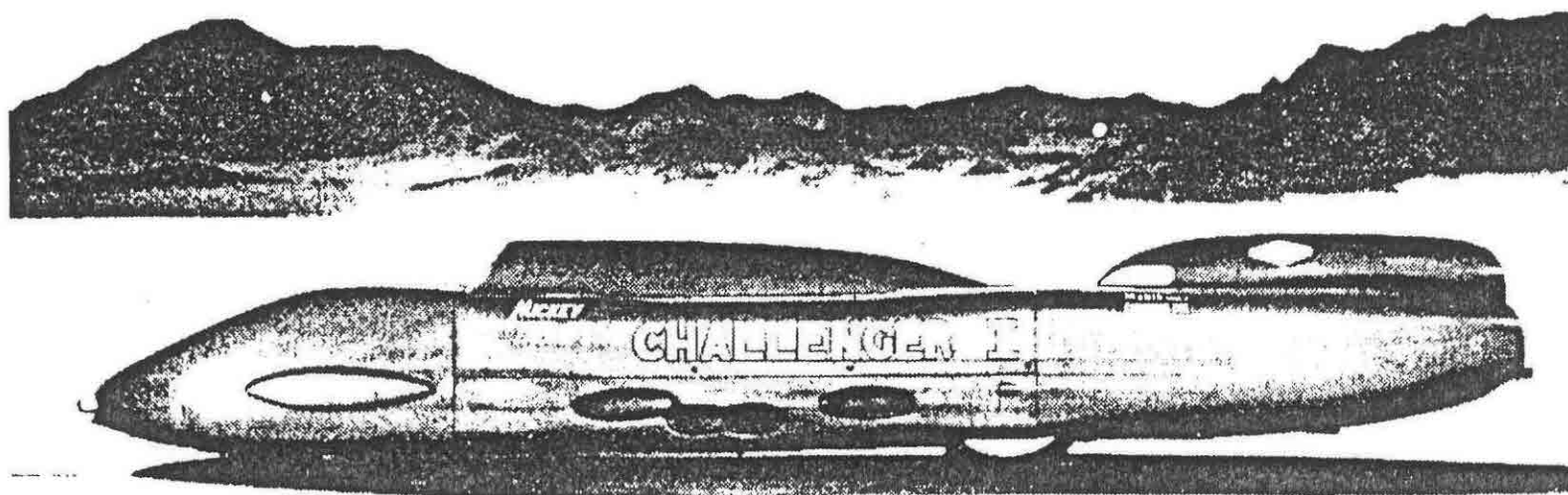
Cat. C was devided in 197. :

Cat. C Special vehicles propelled by jet engines (Annexe D,
Art. 218 c)

Cat. D Hovercraft



La structure mécanique de la Delage 12 cylindres du record 1924/25.



Four-engined Pontiac "Challenger I", 1959/60

The acceleration test

This group shows clearly that everyone of these requires other kind of cars. In former times racing cars of different formulae or types (Brooklands or Grand Prix) qualified sufficiently in the standing kilometre and the mile. A typical progress reaction was the hot rod movement in the USA with the result of a new understanding for the acceleration test which led to new records with more specialized cars, the dragster.

The long distance sprint

This is the record of 100 km, 100 miles and "the Hour". At the time, these distances required firstly cars with big engines. Then, even here, very skilled streamlining and weight saving raised the speed considerably. In 1935 there were no permanent circuits available to face speeds over 250 km/h. The Utah salt flats with a big circuit solved the new requirements and the speeds went up in a straight line. When the Utah course opened internationally in 1935 the competition between Jenkins, Cobb and Eyston began up to 48 hours and ended ⁱⁿ 1950. Then a gap of 28 years followed with European efforts on an Italian circuit. The long distance sprint, especially "the Hour" remains a much noticed record which proves skill and quality of the industry.

S t a n d i n g K i l o m e t r e

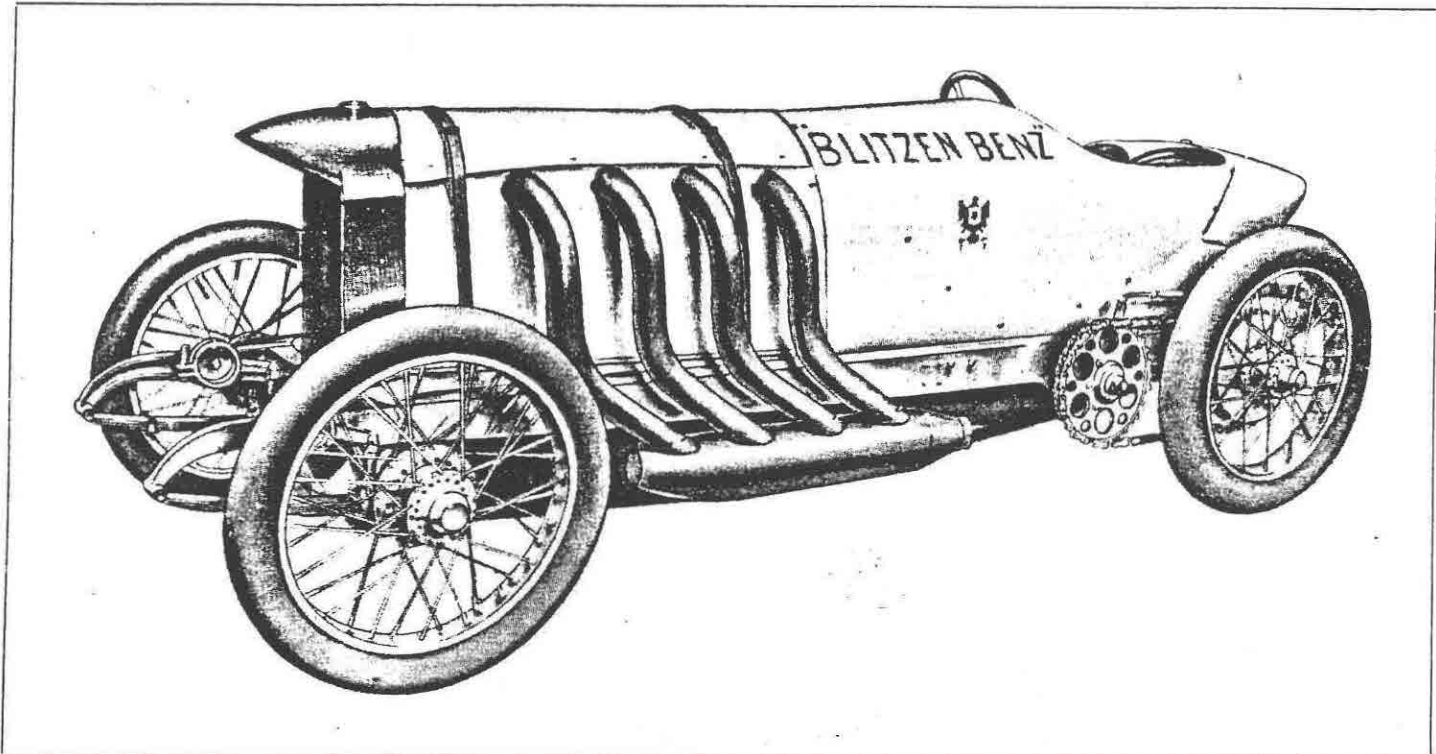
Date	Driver, Nation	C a r	Location	Time (sec.)	Average km/h
<u>1 8 9 8</u> 13. 12.	C ^{te} de Chasseloup -Laubat, F	Jeantaud (electr.)	Achères	72.6	49.588
<u>1 8 9 9</u> 17. 1.	Camille Jenatzy, B	Jenatzy(electr)	"	68	52.941
" "	C ^{te} de Chasseloup -Laubat, F	Jeantaud (electr.)	"	56.4	63.829
4. 3.	" "	"	"	48.6	74.074
29. 4.	Camille Jenatzy, B	Jenatzy(electr)	"	47.8	75.313
<u>1 9 0 9</u> 8. 11.	Victor Héméry, F	Benz (21.5)	Brooklands	31.326	114.921
<u>1 9 1 3</u> 22.12.	L. G. Hornsted, GB	" "	"	30.405	118.402
<u>1 9 2 2</u> 17. 5.	Kenelm Lee Guinness,	Sunbeam V 12 (18322)	"	26.735	134.65
<u>1 9 2 4</u> 12. 7.	E.A.D. Eldridge, GB	Fiat (28.34)	Arpajon	26.17	137.562
<u>1 9 2 6</u> 26. 5.	J.G. Parry Thomas, GB	Leyland-Thomas (7266)	Brooklands	25.74	139.86
<u>1 9 3 3</u> 26.10.	Hans Ruesch, CH	Maserati 8 CM (2.99)	L.-Montlhéry	25.325	142.152
4.11.	John Rh. Cobb, GB	Napier-Railton 900 bHP(23.86)	Brooklands	25.27	142.461
<u>1 9 3 4</u> 26. 3.	Hans Ruesch, CH	Maserati 6 C (3325)	L.-Montlhéry	25.17	143.027
16. 10.	Raymond Mays, GB	E R A (1.98) 340 bHP	Brooklands	24.93	144.404
20. 10.	Hans Stuck, D	Auto Union (4969)	A v u s	22.025	163.451
<u>1 9 3 7</u> 9. 6.	" "	" (6.0)	Petropolis	21.05	171.021
26. 10.	Bernd Rosemeyer, D	" "	RAB Frankf.	19.08	188.679
<u>1 9 5 8</u> 2. 2.	Calvin Rice, USA	Hot Rod-Chrysl- ler (5.6)	March Field nr.Riverside	18.1045	198.846
<u>1 9 6 0</u> 14. 5.	Mickey Thompson, USA	Assault I/Pon- tiac Tempest V 8 (6.8)	"	16.8555	213.523
<u>1 9 7 2</u> 1. 10.	David Anderson, USA	Pollution Pak- ker Fox Rocket	Bonneville Salt Flats	9.528	377.835

1 0 K i l o m e t r e s , standing start
(since 1. 1. 1970)

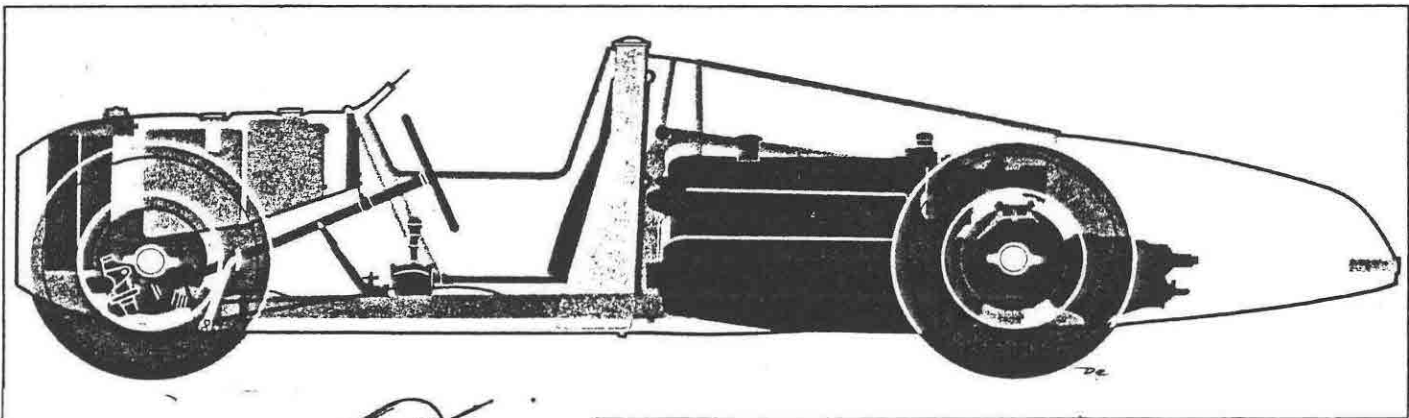
Date	Driver, Nation, Location	Car	Time (min.)	A v e r a g e	
				km/h	m.p.h.
<u>1 9 7 0</u> 11. 5.	Lauro Stella, I Monza	Piro-Piro/ Motobi (245)	3.41	162.895	101.209
<u>1 9 7 2</u> 1. 6.	Marie-Claude Beau- mont, F Dudenhofen	Opel GT Spider Diesel (2068) *Michelin	3.22,909	177.42	110.232
20. 9.	Frederick Lavell, USA Bonneville	Opel GT/UFO- Diesel	3.09,962	189.511	117.757
<u>1 9 7 3</u> 28. 7.	Fritz Huschke Frhr. v.Hanstein, D Ehra-Lessien	Porsche Carre- ra RS Coupé (2972)*Conti- nental	2.26,156	246.307	
<u>1 9 7 4</u> 23. 9.	Luigi Chinetti Jun., USA Bonneville Salt	Ferrari 512 MB (4.9)	2.07,998	281.253	174.763
<u>1 9 7 7</u> 25.11.	Peter H. Gregg, USA Daytona Speedway	Porsche 935 (3.0)	2.07,163	283.101	175.911
<u>1 9 7 9</u> 5. 5.	Dr. Hans Liebold, D Nardo	Mercedes-Benz C 111-IV turbo (4.82)*Miche- lin	1.52,28	320.615	199.101

S t a n d i n g M i l e
(cancelled 1970)

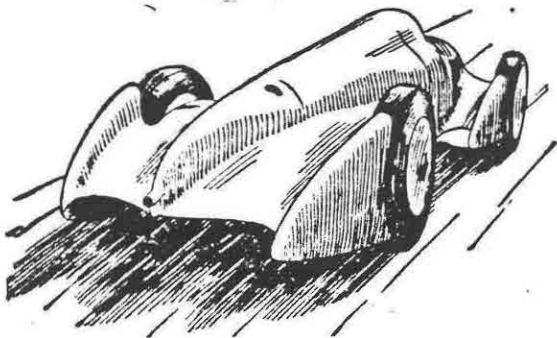
Date	Driver, Nation, Location	Car	Time (sec.)	A v e r a g e	
				km/h	m.p.h.
<u>1 9 0 9</u> 8. 11.	Victor Héméry, F Brooklands	Benz (21.5)	41.268	140.223	87.13
<u>1 9 1 0</u> 15. 3.	Barney Oldfield, USA Daytona Beach	" "	40.53	143	88.86
<u>1 9 1 4</u> 22. 1.	L.G. Hornsted, GB Brooklands	" "			87.34
<u>1 9 2 2</u> 17. 5.	Kenelm Lee Guinness, GB Brooklands	Sunbeam V 12 (18322)	37.255	154.804	96.63
<u>1 9 2 6</u> 26. 5.	J.G. Parry Thomas, GB Brooklands	Leyland-Thomas	36.41	159.114	98.87
<u>1 9 2 9</u> 1. 7.	Kaye Don, GB Brooklands	Sunbeam	35.72	162.195	100.78
<u>1 9 3 3</u> 31. 10.	John Rh. Cobb, GB Brooklands	Napier-Railton 900 bHP(23.86)	35.115	165.493	102.52
<u>1 9 3 4</u> 20. 10.	Hans Stuck, D A v u s	Auto Union (4969)	30.835	187.897	116.75
30. 10.	Rudolf Caracciola, D G y o n	Mercedes-Benz (3.71)	30.71	188.658	117.23
<u>1 9 3 7</u> 9. 6.	Hans Stuck, D Petropolis	Auto Union (6.0)	29.215	198.311	123.22
26. 10.	Bernd Rosemeyer, D	" "	26.77	216.455	134.5
27. 10.	" " RAB Frankfurt	" "	25.955	223.219	138.7
<u>1 9 6 0</u> 14. 5.	Mickey Thompson, USA Riverside	Assault I/Pon- tiac Tempest	24.0105	241.3	149.94



"Blitzen-Benz", 1909-14. Engine weight 407 kg



Auto Union record car 1934-37.
Engine : V-16, 45°, weight 245 kg



S t a n d i n g Q u a r t e r m i l e
(since 1965)

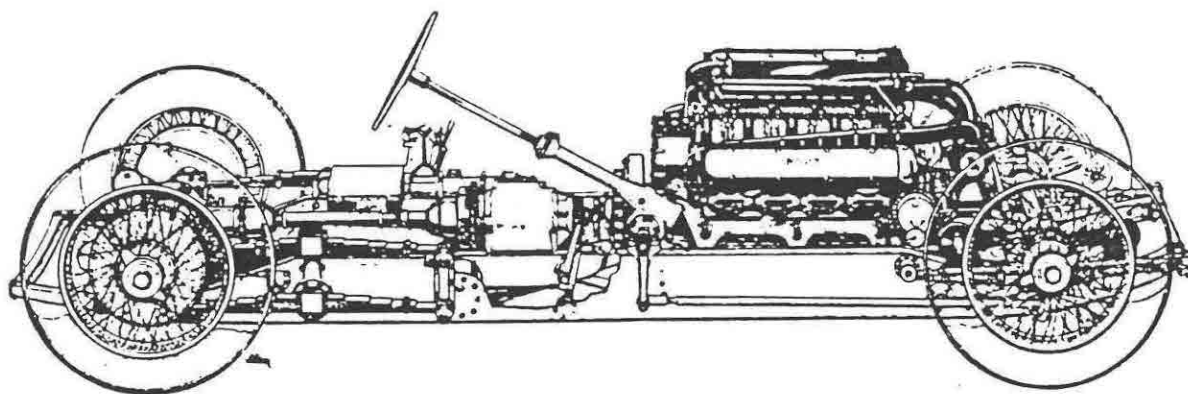
Date	Driver, Nation, Location	Car	Time (sec.)	A v e r a g e	
				km/h	m.p.h.
<u>1 9 6 5</u> 30. 9.	Fritz Huschke Frhr.v. Hanstein, D Hockenheim	Porsche (1981) *Dunlop	11.892	121.796	
<u>1 9 6 6</u> 22. 9.	Alexander Frhr.v.Fal- kenhausen, D Hockenheim	Brabham-BMW (1.99)*Dun- lop	11.2645	128.581	
15. 10.	Alan Allard, GB Elvington Airfield	Allard-Chry- sler (5.6)	9.366	154.6	
<u>1 9 6 7</u> 22. 10.	Anthony E. Densham, GB Elvington Airfield	Commuter-Ford (7.9)	8.91	162.48	
<u>1 9 6 8</u> 5. 10.	R. Slugget, GB Elvington Airfield	Tudor Rose (7.04)	8.296	174.59	
<u>1 9 7 1</u> 18. 7.	Clive Skilton, GB Elvington Airfield	Revolution 2 -Chevrolet(6.58)	7.605	190.45	
<u>1 9 7 2</u> 30. 9.	David Anderson, USA Bonneville Salt Flats	Pollution Packer Fox Rocket	5.666	255.631	
<u>1 9 7 4</u> 19. 8.	Vernon Anderson, USA Bonneville Salt Flats	Pollution Packer Fox Rocket	4.962	291.899	181.378

1 0 0 K i l o m e t r e s

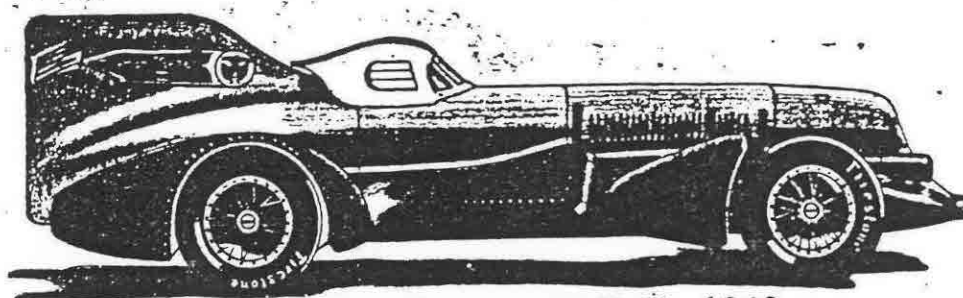
Date	Driver	Car	Circuit	Time (min.)	Average km/h
.10.1913	Jean Chassagne, F	[9.0] Sunbeam V12	Brooklands	34-25.54	174.288
. 7.1924	J.G.Parry Thomas, F	Leyland-Thomas 8 cyl. [7.266]	Rapson	34-10.49	175.568
. 6.1925	Marius Breton, F	Panhard & 20CV Levassor (4.84)	Linass- Montlhéry	32-41.79	183.506
. . . "	J.G.Parry Thomas, F	Leyland-Thomas 10CV	Brooklands	32-30.66	184.553
. 8. "	Charles Ortman, F	Panhard & 20CV [6.36] Levassor	Linass- Montlhéry	32-19.89	185.577
.10. "	J.G.Parry Thomas, F	Leyland-Thomas	Brooklands	32-17.62	185.794
. 2.1926	Garfield, F	[9.12] Renault 40CV	Linass- Montlhéry	31-46.1	188.868
. 3. "	Charles Ortman, F	Panhard & Mide- [6.36] Levassor 35CV 85x140x8 cyl.	"	29-46.76	201.483
. 3. "	"	"	"	29-44.07	201.784
.12. "	E.A.D. Eldridge, F	(2.0) Miller 8 cyl. Dunlop	"	29-22.17	204.293
. 4.1927	César Marchand, F	[7.94] Voisin 18CV 95x140x8	"	29-13.08	205.352
.12.1930	Mme. Gwenda M. Stewart, GB	Derby-Miller *Dunlop [1.98]	"	29-06.83	206.088
. 5.1931	"	"	"	29-06.33	206.147
. 4.1932	Albert Divo, F	Bugatti [4.9] *Dunlop	"	29-05.43	206.254
. 4. "	George E.T. Eyston, GB	Panhard & Levas- sor (7.94) *Dunlop	"	28-30.93 28-17.18	209.453 212.116
. 5.1933	Comte Czaykowski, F	Bugatti [4.9] Dunlop	Avus	28-16.22	212.238
.11. "	George E.T. Eyston, GB	Panhard & Levas- sor (7938) *Dunlop	Linass- Montlhéry	27-40.34	216.821
.10.1934	Hans Stuck, D	Auto Union *Conti [4.36]	Avus	24-29.4	244.929
. 7.1935	John R. Cobb, GB	Napier-Railton [23.94] *Dunlop	Bonneville Salt Flats	24-20.88	246.451
. 9. "	George E.T. Eyston, GB	Speed of the Winds/RR (21.0) *Dunlop	"	23-08.52	259.269
. 3.1936	Hans Stuck, D	Auto Union (5.6) *Continental	Autobahn Frankfurt/M.	22-49	262.964
. 9. "	John R. Cobb, GB	Napier-Railton (23.86) *Dunlop	Bonneville Salt Flats	22-14.54	269.753

1 0 0 Kilometres (continued)

Date	Driver, Nation	C a r	Circuit	Time (min.)	Average km/h
8. 9. 1937	David Abbot Jenkins, USA	Mormon Meteor II (24.84)*Firestone	Bonneville Salt Flats	21-40.82	276.748
2. 7. 1940	"	Mormon Meteor III (25.35)*Firestone	" "	20-52.18	289.855
20. 7. 1951	"	Mormon Meteor IV *Firestone	" "	19-52	301.928
29. 4. 1978	Dr. Hans Liebold, D	Mercedes-Benz C 111-III Diesel turbo (3.0)*Dunlop	Nardo nr. Brindisi	18-57.5	316.484
6. 5. 1979	"	Mercedes-Benz C 111-IV turbo (4.82)*Michelin	" "	15-58.28	375.67



Napier-Railton 1933-37. Special record car for long distances.



THE MORMON METEOR III .1940

T h e H o u r

Date	Driver, Nation	Car	Circuit	km/h	m.p.h.
<u>1 9 0 7</u> 28.6.	S. F. Edge, GB	Napier 60 HP (7724)*Dunlop	Brooklands	112.767	70.07
" " 10.12.	W.T.Clifford Earp, GB	Thames 60 HP (13.681)	" "	122.729	76.26
<u>1 9 0 8</u> 19.2.	F. Newton, GB	Napier(7.724)	" "	136.765	85.36
<u>1 9 0 9</u> .11.	C. M. Smith, GB	Thames (13 681)	" "	144.053	89.57
<u>1 9 1 2</u> .10.	Dario Resta, I ,	Sunbeam 30 HP (6 107)	" "	148.784	92.45
" " 7.11.	Victor Héméry, F	Lorraine-Lie- trich 60 CV(15.1) *Palmer	" "	156.895	97.4
<u>1 9 1 3</u> 9. 2.	Percy E. Lambert, GB	Talbot (4.531) *Palmer	" "	167.098	103.8
" " 12. 4.	Jules Goux, F	Peugeot (7 606)	" "	170.588	106.2
" " 10.10.	Jean Chassagne, F	Sunbeam 12 cyl. (9 048)	" "	173.727	107.9
<u>1 9 2 4</u> 18.11.	J.G. Parry Thomas, GB	Leyland-Thomas (7266)*Rapson	" "	175.564	109.0
<u>1 9 2 5</u> 14. 7.	" " "	" " "	" "	178.144	110.6
" " 14. 9.	Charles Ortman, F	Panhard-Levas- sor 20 CV(4835)	Linac-Mont- léry	185.773	115.4
<u>1 9 2 6</u> 25. 3.	" "	" 35 CV(7938) *Michelin	" "	193.507	120.2
" " 21.10.	J.G. Parry Thomas, GB	Leyland-Thomas (27059)*Dunlop	Brooklands	195.925	121.7
" " 31. 12.	E.A.D. Eldridge, GB	Miller (1.98) *Dunlop	Linac-Mont- léry	203.725	126.5
<u>1 9 2 7</u> 27. 5.	César Marchand, F	Voisin (7938) *Dunlop	" "	206.558	128.3
<u>1 9 3 2</u> 6. 4.	George E.Th. Eyston, GB	Panhard-Levas- sor 35 CV(7938) *Dunlop	" "	210.392	130.5
<u>1 9 3 3</u> 5. 5.	Cte. St.Czaykowski, F	Bugatti 54 (4968)*Dunlop	A v u s	213.839	132.8
<u>1 9 3 4</u> 4. 2.	George E.Th.Eyston, GB	Panhard-Levas- sor (7938)*Dunl.	Linac-Mont- léry	214.064	133.0
" " 6. 3.	Hans Stuck, D	Auto Union(4.36) *Continental	A v u s	217.108	134.9

The Hour (continued)

Date	Driver, Nation	C a r	Circuit	km/h	m.p.h.
<u>1 9 3 5</u> 2. 7.	David Abbot Jenkins, USA	Duesenberg Spl. (7568)*Firestone	Bonneville Salt Flats	230.826	143.4
" "					
11. 7.	John Rh. Cobb, GB	Napier Rail- ton 12 cyl. (23.86)*Dunlop	" "	237.572	147.6
" "					
6. 8.	David Abbot Jenkins, USA	Duesenberg Spl. (7568)*Fire- stone	" "	244.855	152.1
" "					
6. 9.	George E. Th. Eyston, GB	Speed of the Winds/RR*Dunlop	" "	256.368	159.3
<u>1 9 3 6</u> 6. 7.	" "	" " "	" "	261.564	162.5
" "					
10. 9.	John Rh. Cobb, GB	Napier-Rail- ton 12 cyl. (23.86)*Dunlop	" "	269.864	167.6
" "					
28. 9.	David Abbot Jenkins, USA	Mormon Meteor I /Curtis Conqu. *Firestone	" "	275.197	171.0
<u>1 9 3 7</u> 8. 9.	" "	Mormon Meteor II*Firest.	" "	284.933	177.0
<u>1 9 4 0</u> 22. 7.	" "	Mormon Meteor III*Fire- stone	" "	293.73	182.5
<u>1 9 5 0</u> 4. 9.	" "	" " " (25354)*Firestone	" "	306.869	190.6
<u>1 9 7 8</u> 29. 4.	Dr. Hans Liebold, D	Mercedes-Benz C 111-III Die- sel (3.0)*Dunlop	Nardo/I	321.843	199.8
<u>1 9 8 0</u> 18. 10.	Helmut Henzler, D	A R-V W Die- sel (2.38)*Pi- relli	"	353.41	219.6

The endurance tests

Among them the most prominent are the "24 Hours". With this record begins the special preparation and organisation for a long distance record. The achievement by Selwyn Francis Edge (1868-1940) in the opening year of Brooklands was an automobilistic sensation connected with new technical knowledge. Edge took the record single-handed resting only for refuelling and tyre changing (24 tyres). After the opening of the famous Mortlhéry track French and British cars raised the 24 hours mark from 3000-4400 kilometres. And here again the Utah salt flats brought the possibility for unlimited speeds. John Rhodes Cobb (1899-1952) and the outstanding record contender George Edward Thomas Eyston with their crews set the speed up with the classic Napier- and Rolls Royce-engines competing with the indefatigable American D.A. Jenkins. Mainly Dunlop and Firestone profited from the participation with their tyres.

Between the 24 and the former 48 hours the 5000 and 10000 kilometres of today came in sight through increasing speed. How popular the hour records had been shows the 72 hour-record. It found considerable interest among the producers of sports- and high performance-coupsés. Particularly since 1951 by Porsche and with important distance increase of over 10000 km. Here, a light, well streamlined Italian Abarth of 982 cc. engine capacity was successful in 1960 against 3.5- and even 5-litre sedans. Two years after the last attempt in 1967 this record was discontinued.

The extra long distance records

began with the Fiat 501, OM Superba and the Ansaldo 1924-26. For these kind of records the AIACR draw up special regulations. in 1931. The exchange of major parts of the car was prohibited then. Spare parts had to be declared before the attempt and carried on board the car, eg. carter, villebrequin, axle, gearbox or electric starter.

Date	Drivers, Nation	C a r	Circuit	k m	
				Distance covered	km/h
28.-29. 6.1907	S.F. Edge, GB	7.7 Napier ⁶²¹ Dunlop	Brooklands	2 551.511	106.313
14.-15. 6. 1924	Ch. Riecken, Hans Bertold	N A G	Monza	2 583	107.5
11.-12.10.1924	Martin, Gros, F	Bignan [2.0]	Linas-Monthléry	2 986.807	124.450
17.-18. 4.1925	Thomas Gillet, GB	A C 601 (2.9)	"	3 189.835	132.909
3.- 4. 6. "	Garfield, Plessier, ^{Robert}	Renault 400	"	3 384.749	141.081
21.-22. 9. "	John Duff, Woolf Barnato, GB	*Michelin Bentley (2.97)	"	3 670.329	152.930
9.-10. 7.1926	Garfield, Plessier, Guillon, F	Renault 400 [9.123] *Mich/	"	4 167.578	173.649
26./27. 9.1927	César Marchand, André Morel, Kirilloff, F	Dunlop Voisin [5.94]	"	4 383,851	182.660
6.- 7. 8.1933	D. ^{David} Abbott Jenkins, USA	Pierce-Arrow 12 *Firestone	Bonneville Salt Flats	4 550.754	189.615
16.-17. 8.1934	"	Duesenberg *Firestone	"	4 913.738	204.739
15.-16. 7.1935	John R. Cobb, Tim E. Rose-Richards, Charles J.P. Dodson, GB	Napier-Railton (23.86) *Dunlop	"	5 208.655	217.027
29.-30. 8. "	D. ^{David} Abbott Jenkins, Tony Gulotta, USA	Duesenberg (7.56) *Firestone	"	5 232.686	218.029
16.-17. 9. "	George E. Th. Eyston, Christopher S. Staniland, Albert W. Denly, GB	Speed of the Winds/RR Kestrel 400 bhp (19.5) Dunlop	"	5 427.540	226.144
12 13. 7.1936	George E. Th. Eyston, Albert W. Denly, GB	Speed of the Winds/RR	"	5 758.712	239.946
12./13. 9. "	John R. Cobb, Tim E. Rose-Richards, Charles Brackenbury, John Stewart Hindmarsh, GB	Napier-Railton (23.86) *Dunlop	"	5 799.84	241.660
22.-23. 9. "	D. Abe Jenkins, Babe Stapp, USA	Mormon - Meteor I (24.84) Firestone	"	5 939.112	247.463
21.-22. 9.1937	D. Abe Jenkins, Louis Meyer, USA	// II //	"	6 074.386	253.099
22.-23. 7. 1940	D.A. Jenkins, Cliff Bergere, USA	// III //	"	6 225.629	259.401

5 0 0 0 kilometres

Date	Drivers, Nation, Circuit	C a r	Time (hours)	Average (km/h)
<u>1 9 2 5</u> 31.8.-2.9.	Ing. Bucchetti, Calise, I, Gaignard, Fontaine, F Miramas	Ansaldo (1847)	67:49.47,9	73.713
" " 4.-6. 10.	Delalande, de Marguenat, Sire, Chalamel, Stremler, Nezeloff, F L.-Montlhéry	Rolland- Pilain (1998)	48:51.19,21	102.342
<u>1 9 2 6</u> 20.-26.2.	Piero Illiprandi, Timo+Mario Danieli, Sandro Carnelli, Cav. Alberto Dosio, I Monza	O M Super- ba (2.0)	46:19.35,3	107.925
" " 5.-7. 7.	Miss Violette Cordery, Gar- land, McFarlane, Moy, Mills, Bing L.-Montlhéry	Invicta (2693)	43:04.46,93	116.063
<u>1 9 2 7</u> 26./27.9.	César Marchand, André Morel, Serge Kiriloff, F L.-Montlhéry	Voisin 12 cyl.	27:30.39,85	181.744
<u>1 9 3 4</u> 16./17.8.	David Abbot Jenkins, USA	Duesenberg (7568)	24:25.09,33	204.756
<u>1 9 3 5</u> 12. 7.	John Rh. Cobb, T.E. Rose-Ri- chards, Charles Dodson, GB Bonneville Salt Flats	Napier-Rail- ton (23.86)		
" " 29./30.8.	D.A. Jenkins, Tony Gulotta, USA Bonneville Salt Flats	Duesenberg Spl. (7568)	23: 0.02,634	217.384
" " 16./17.9.	George E. Th. Eyston, Albert Denly, C.S. Staniland, GB Bonneville Salt Flats	Speed of the Winds /RR Kestrel		226.008
<u>1 9 3 6</u> 12.-14.7.	George E. Th. Eyston, Albert Denly, GB Bonneville Salt			241.739
" " 23. 9.	D.A. Jenkins, E.A. Stapp, USA Bonneville Salt Flats	Mormon Me- teor I/Cur- tis Conqu. (24.84)	20:10.47.11	247.758
<u>1 9 3 7</u> 21./22.9.	D.A. Jenkins, Louis Meyer, USA Bonneville Salt Flats	Mormon Me- teor II	19:41.17,26	253.962
<u>1 9 4 0</u> 22./23.7.	D.A. Jenkins, Cliff Bergere, USA Bonneville Salt Flats	Mormon Me- teor III (25354)	18:45.58,104	266.44

Date	Car	Drivers, Nation	Circuit	Covered km	Average km/h
1924 16.3.	O M 6 PS		Monza	3 384	79.5
1925 31.8. -1.9. 4.-6. 10.	70x120x4 Ansaldo (1.85) *Dunlop Rolland-Pilain (1998)	Ing. Bucchetti, Caignard, de Fontaines, Calise, Brunero, F/I Delalande, de Marguenat, Sire, Chalamel, Stremler, Nezeloff, F	Miramas L.-Montlhéry	3 548.529 < 4 900	73.927 ~ 102.5
1926 20.- 26.2.	O M Superba 6 Zyl. (2.0) *Pirelli	Alberto Dosio, Piero Iliprandi, Ing. Sandro Carnelli, Dr. Mario u. Ing. Timo Danieli, I	Monza	5 188.5	108.08
1927 5.-7.7.	Invicta (2693)	Miss Violet Cordery, GB	L.-Montlhéry	> 5 500	~ 116
9.-11. 12.	A C (2.0)	Victor A. + Mary Bruce, GB	L.-Montlhéry	~ 6 513	~ 124
1929 2.-4.9.	Mathis (3-5 Ltr)	de Brémond, Nicole, Fallavier, Pagniez, F	L.-Montlhéry	6 222.802	130.548
1929 17.- 19.9.	Voisin 12 Zyl. 24 CV	Marchand, Morel, Kirilloff, F	L.-Montlhéry	7 037.008	146.604
1931 28.- 30.11.	Alfa-Romeo 8 C 2300	Zehender, Pesato, Chinetti, F	L.-Montlhéry	7 292.069	151.918
1934 7.-9. 3.	Hotchkiss 11 CV (1.99) *Dunlop	G.E.T. Eyston/Albert Denly, GB	L.-Montlhéry	7 366.537	153.47
3.-5. 4.	Renault Nervasport 38 CV (4.24)*Dunlop 75x120x8	Louis Wagner, Fromentin, Quatre- sous, Bertholon, F	L.-Montlhéry	8 037.341	167.445
8.-11. 5.	Delahaye coupé (3227) *Dunlop	Albert Perrot, Marcel Dhôme, A. Girod	L.-Montlhéry	8 464.083	176.294
1936 12.- 14.7.	Speed of the Winds-Rolls Royce Kestrel	G.E.T. Eyston/Albert Denly, GB	Bonneville	~ 10 000	219.432
22.-23. 9.	Mormon Meteor-Curtis Conq. *Firestone (25.74)	Abe Jenkins/Babe Stapp, USA	Bonneville	11 481.163	239.236
1976	Mercedes-Benz C 111-IT	Joachim Kaden, Dr. Hans Liebold	Monza	12 007.13	250.004

7 2 H o u r s (3 d a y s)

Date	Drivers, Nation	C a r	Distance (km)	Average (km/h)
<u>1 9 2 5</u> 31.8.-5.9.	Bucchetti, Brunero, Caig- nard, de Fontaines, de Centame, I/F Miramas	Ansaldo (1847)	5 305.552	73.927
2.-8.11.	Eugenio Silvani, Attilio Belgir, Alfredo Botta, Pietro Mangiarotti, I Monza	Fiat 501 (1.5)	5 632.715	78.232
<u>1 9 2 6</u> 20.-26.2.	Piero Illiprandi, Timo 4 Mario Danieli, Sandro Car- nelli, Alberto Dosio, I Monza	O M Superba (2.0)	7 596	105.75
<u>1 9 2 8</u> 21.7.-8.8.	Tony Gulotta, Cliff Bergère, Kreiger, USA Atlantic City	Studebaker President	8 100	110.736
<u>1 9 2 9</u> 12.-28.9.	de Corvaia, Delguete, Tchernousky, Vasselle, F Linas-Montlhéry	Hotchkiss (3.05)	8 292.291	115.17
17.-27.9.	César Marchand, André Morel, Serge Kiriloff, Le Roy de Présalé, F Linas-Montlhéry	Voisin 12 cyl.	10 258.989	142.485
<u>1 9 3 5</u> 22.-29.7.	César Marchand, Raoul Fortin, Vaillant, Le Roy de Présalé, F Linas-Montlhéry	Citroën (2722)	10 478.408	145.533
<u>1 9 5 1</u> 29.9.- 2.10.	Petermax Mueller, Wal- ter Gloeckler, Fritz v. Hanstein, Richard v. Frankenberg, Hermann Ramelow, D Linas-Montlhéry	Porsche coupé (1492)	10 968.707	152.34
<u>1 9 5 2</u> 5.-10.8.	Leslie Johnson, Stir- ling Moss, Herbert Hadley, Jack Fairman, GB Linas-Montlhéry	Jaguar XK 120 (3441)	12 230.031	169.86
<u>1 9 5 5</u> 10.-24.9.	Eames, Skelton, Miller, Jackson, Oakes, Robert- son, Thomas, USA Bonnevill Salt	Dodge Custom Royal (5141)	12 308.87	170.96
<u>1 9 5 6</u> 9.-22.9.	Eames, Hainley, Hernan- dez, Mantz, Mauck, Rice, Ruttman, Stevenson, USA Bonnevill Salt Flats	Ford Fairlane (5125)	13 241.704	183.91
<u>1 9 6 0</u> 28.9.-1.10.	Maglioli, Cattini, Man- fredini, Baghetti, Pol- tronieri, Bassi, Riga- monti, Mass. Leto di Priolo, Thiele, Castel- lina, I Monza	Abarth (982)	13 441.498	186.68

7 2 Hours (continued)

Date	Drivers, Nation	C a r	Distance (km)	Average (km/h)
<u>1 9 6 3</u> 12.-16.10.	Iggy, James+Ronald D. Kautona, USA Daytona Autodrome	Ford Comet (4.7)	14 559.352	202.21
<u>1 9 6 6</u> 1.-4.10.	Shiomi Hosoya, Mitsuo Tamuro, Sachio Fukazawa, Tomohiko Tutumi, Hiroshi Fushida, J Autodrome Yatabe-cho	Toyota 2000 GT	14 833.167	206.02
<u>1 9 6 7</u> 31.10.- 4.11.	Josef Siffert, Dieter Spoerry, Rico Steinemann, CH Monza	Porsche 911 R Spl. (1991)	15 116.231	209.947
<u>1 9 8 3</u> 12.-15.8.	Guido Moch, Erich Waxenberger and 19 others Nardo	Mercedes-Benz 190 E 2.3-16 *Pirelli	17 759.565	246.661

1 0 0 0 0 kilometres

Date	Drivers, Nation	Car	Time (hours)	Average (km/h)
<u>1 9 2 5</u> 31.8.-5.9.	Bucchetti, Caignard, de Fontaines, E. Calise, Brunero, F, Liramas	Ansaldo (1847)	138:35.12,34	72.15
" 2.-8.11.	Eugenio Silvani, Attilio Belgir, Alfredo Botta, Pietro Mangiarotti, I, Monza	Fiat 501 (1.5) *Pirelli	128:28.26.57	77.83
<u>1 9 2 6</u> 20.-26.2.	Piero Illiprandi, Timo, Mario Danieli, Sandro Carnelli, Cav, Alberto Dosio, I Monza	O M Superba (2.0)	94:19.45,2	106.01
<u>1 9 2 7</u> 9.-18.12.	Victor A. + Mary Bruce, GB L.-Montlhéry	A C (2.0)	80:17.17,21	124.55
<u>1 9 2 9</u> 11.-27.9.	César Marchand, André Morel, Le Roy de Présalé, Kirilloff, F L.-Montlhéry	Voisin 12 cyl.	67:58.23,05	147.11
<u>1 9 3 4</u> 8.-10.5.	Albert Perrot, M. Dhôme, Armand Girod, F L.-Montlhéry	Delahaye (3227) *Dunlop	59:20.15,84	168.52
<u>1 9 3 6</u> 12.-14.7.	George E. Th. Eyston, Albert W. Denly, GB Bonneville	Speed of the Winds/ RR Kestrel *Dunlop		221.21
" " 22.-23.9.	D.A. Jenkins, E.A. Stapp, USA Bonneville	Mormon Meteor I *Firestone	41:42.40,08	239.74
<u>1 9 7 6</u> 12.-14.6.	Joachim Kaden, Dr. Hans Liebold, Guido Moch, Erich Waxenberger, D, Nardo	Mercedes-Benz C 111-II Diesel (3.0) *Michelin	39:38.36,1	252.24

1931 André Citroën (1878-1935) began the long distance trials with his production cars. Close to him stood the record-car tuner César Marchand from Issy-les-Moulineaux and the director Dintilhac from Huiles Yacco. They organised, prepared and carried out 194 world endurance records with the cars Rosalie I (1931) to IX (1936). Only Rosalie III (1.5) reached 300000 km and claimed 106 world and 173 international class record alone. Here, not only the distance but also the number of records are the headlines for the public and for the fame of the automobile never forgotten.

These facts certainly inspired Henri Théodore Pigozzi (1898-1964) 20 and 25 years later to a repetition also with a car out of his production line. After a record attempt in 1952 over 50000 km in 18 days, Michel Gauthier with his team 1957 went over the 100000 km in 38 days and set 14 world and 28 international class records with the production "Elysée" (1.3). This effort made the Simca very popular.

A new highlight on the extra long distance records with automobiles fell 1963 when Ford organised a record party in France and the USA with three of their production models. The "Taunus" from Cologne collected 145 world records including 18 new established records in 142 days, whilst the Cortina (1.5) from Dagenham and the Comet (4.7) from Dearborn lasted 40 days. This was the biggest endurance test until now. Ford continued the endurance work in Monza 1966 and 1972/73.

The longest distances ever achieved on a closed circuit in a record attempt were : *

Year	Car (ltr.)	Circuit	distance covered (km)
1925	Ansaldo (1.85)	Miramas	10 435
"	Fiat 501 (1.5)	Monza	11 500
1926	O M (2.2)	Monza	15 000
"	Renault (1.1)	Miramas	16 093
"	Invicta (2.7)	Monza	25 000

*) FIA Bulletin sportif de la CSI 1973, No. 72 July.

1928	Marmon	Miramas	80 450
1932	Citroën Rosalie II (2.65)	Montlhéry	134 867
1933	Citroën Petite Rosalie (1.46)	"	300 000
1963	Ford Taunus 12 M (1.19)	Miramas	358 271

2 5 0 0 0 k m

<u>1 9 2 6</u> 10.-21.3.	Miss Violet Cordery, Ward, Mills, Garland, Moy, Goddard, GB Monza	Invicta	11	14:53.31,3	89.64
<u>1 9 2 8</u> 21.7.-8.8.	Stewart, Jimmy Gleason, Winnai, USA Atlantic City	Studebaker President	9	10:23.58,01	110.424
<u>1 9 2 9</u> 12.-28.9.	Tchernousky, Delgutte, de Corvaia, Vasselle, F Montlhéry	Hotchkiss (3.5)	9	9:10.17,56	111.026
" " 17.-27.9.	César Marchand, André Morel, Le Roy de Présalé, Kiriloff, F Montlhéry	Voisin	7	13:16.29,75	137.912
<u>1 9 3 7</u> 19.-29.5.	Mmes. Descollas, Odette Siko, Orsini, Mlles. Hellé-Nice, des Forest, F Montlhéry	Matford- Yacco (3.63) *Dunlop	7	8:48.51,38	141.401
<u>1 9 5 5</u> 10. 24.9.	Danny Eames, Betty Skelton, A. K. Miller, J. Jackson, D. Oakes, W. Robertson, T. Thomas, USA Bonne ville	Dodge Custom Royal (5.14)	6	6:29.32,82	165.02
<u>1 9 5 6</u> 9.-22.9.	Danny Eames, F. Hainley, Fran Hernandez, Johnny Mantz, H. Mauck, D. Rice, Troy Ruttman, Chuck Stevenson, USA Bonneville Salt Flats	Ford Fair- lane Club Victoria (5.13)	5	18:53.18,15	180
<u>1 9 8 3</u> 12.-16.8.	Guido Moch, Erich Waxenberger and 19 others, D Nardo	Mercedes- Benz 190 E 2.3-16*Pirell -li	4	4:59.23	247.55

5 0 0 0 0 k m

Date	Drivers, Location	Car	Time		km/h
			(days)	(hours)	
<u>1928</u> 23.2.- 28.4.	F. & L. Rapson, Hopkinson, Isaac, Redman, Carter, Dumas, GB Miramas	Marmon Standard	41	16:29.20	49.975
<u>1930</u> .-25.9.	César & Lucien Marchand, Louis Leroy de Présalé, W.B. van Doorninck, M. Combette, Raphael Fortin, F L. Montlhéry	Voisin 12 cyl. (5.0)	17	8:50.44,82	119.948
<u>1933</u> 26.4.- 24.5.	César & Lucien Marchand, Louis Leroy de Présalé, Raphael Fortin, Edmond Berteaux, Robert Bodécot, Alphonse Vaillant, Jean Delépine, C. Duvivier, F L. Montlhéry	Citroën 15 CV Rosalie V (2.72) *Dunlop	16	8:34.51,06	124.819
<u>1955</u> 10.-24.9.	Danny Eames, Betty Skelton, A.K. Miller, J. Jackson, D. Oakes, W. Robertson, T. Thomas, USA Bonneville Salt Flats	Dodge Custom Royal (5.14)	13	22:18.03,627	149.57
<u>1956</u> 9.-22.9.	Danny Eames, F. Hainley, Fran Hernandez, Johnny Mantz, H. Mauck, D. Rice, Troy Ruttman, Chuck Steven- son, USA Bonneville Salt Flats	Ford Fair- lane Club Victoria (5.13)	11	17:35.38,75	177.56
<u>1983</u> 12.-21.8.	Guido Moch, Erich Waxenber- ger and 19 others, D Nardo	Mercedes-Benz 190 E 2.3-16 *Pirelli	8	9:39.43	247.939

1 0 0 0 0 0 K i l o m e t r e s

Date	C a r	Circuit	T i m e		km/h
			(Days)	(Hours)	
<u>1 9 3 2</u> 5.3.-28.4.	Citroën 15 CV 6 cyl. (2.65) *Dunlop	Linás- Montlhéry	39	22:29.13,63	104.331
<u>1 9 5 7</u> 9.4.-18.5.	Simca Aronde "Elysée" (1.29) *Dunlop	"	36	20:10.16,57	113.1
<u>1 9 6 3</u> 15.8.-24.9.	Ford Cortina (1.5)*Kléber- Colombes	Miramas	35	20:30.57,13	116.21
21.9.-30.10.	Ford 64 Comet (4.7)	Daytona Autodrome	23	18:21.48	175.33
<u>1 9 8 7</u>	Saab 9000-Tur- bo 16 (1971)	Talladega, Alabama	20		213

1 0 0 0 0 0 M i l e s

<u>1 9 3 3</u> 15.3.-27.7.	Citröen Petite Rosalie III (1463) *Dunlop	Linás- Montlhéry	71	11:46.53,13	93.796
<u>1 9 6 0</u> 25.4.-14.7.	Simca Ariane 4 (1294)*Kléber- Colombes	Miramas	63	12:59.49,13	105.53
<u>1 9 6 3</u> 10.7.-29.11.	Ford Taurus 12 M (1189) *Kleber-Co- lombes	Miramas	61	22:57.44,01	108.23
21.9.-31.10.	Ford 64 Comet (4724)	Daytona Beach-Auto- drome	38	10:05.48,86	174.53

W o r l d t r a c k r e c o r d s

This kind of world records created by FISA in 1987 began with special lap record attempts driven in Brooklands/GB and Linas-Montlhéry/F. Indianapolis/USA, Avus/D and Monza/I registered times in practice, qualification or during a race. The AAA contest board took up this custom in the fiftieth and attracted increasing interest.

B r o o k l a n d s (Outer Circuit=2.77 miles)

Date	Driver, Nation, Car	min.	km/h	m.p.h.
<u>1 9 0 8</u> 8. 6.	Felice Nazzaro, I, FIAT SB-4 (18.15) "Mephistopheles"	1.21,8	195.761	121.6
<u>1 9 2 2</u>	Kenelm Edward Lee Guinness, GB, Sunbeam V 12		198.577	123.3
<u>1 9 2 4</u> 4. 8.	J.G. Parry Thomas, GB, Ley- land Spl.	1.17,6	206.576	128.3
<u>1 9 2 5</u> 1. 6.	" " " "	1.17	208.185	129.3
<u>1 9 2 8</u> 28. 5.	Kaye Don, GB, Sunbeam V 12	1.15,6	212.048	131.7
<u>1 9 2 9</u> 20. 5.	John Rhodes Cobb, GB, Delage V 12 (10688)	1.15,4	212.611	132.1
5. 8.	Kaye Don, GB, Sunbeam V 12	1.14,2	216.039	134.2
<u>1 9 3 0</u> 21. 4.	Henry R.S. Birkin, GB, Bentley (4.5)	1.13,6	217.809	135.3
9. 6.	Kaye Don, GB, Sunbeam V 12	1.12,4	221.414	137.5
<u>1 9 3 2</u> 24. 3.	Sir Henry R.S. Birkin, GB, Bentley (4.5)	1.12,2	222.026	137.9
<u>1 9 3 4</u> 2. 4.	John Rhodes Cobb, GB, Napier- Railton (23.97)	1.11,3	224.793	139.7
6. 8.	" " " " "	1.10,68	226.805	140.9
<u>1 9 3 5</u> 5. 8.	Oliver Bertram, GB, Barnato Hassan-Bentley (8.0)	1.09,85	229.493	142.6
7. 10.	John Rhodes Cobb, GB, Napier- Railton (23.97)	1.09,44	230.795	143.4

M o n z a (anello veloce = 4.5 km, since 1955 = 4.25

Date	Driver, Nation, Car	min./sec.	km/h	m.p.h.
<u>1 9 2 2</u> 10. 9.	Pietro Bordino, I, Fiat 404 (1.94)	1.33	174.195	108.24
<u>1 9 2 4</u> 19. 10.	Antonio Ascari, I, Alfa-Romeo (2.0)		184.09	114.39
<u>1 9 2 9</u> 15. 9.	Ernesto Maserati, I, Maserati 16 cyl.(4.0)	1.21	200	124.27
<u>1 9 3 3</u> 10. 9.	Guy Moll, F, Alfa- Romeo (2336)	1.22,4	196.601	122.16
<u>1 9 5 5</u> 18. 8.	Jean Behra, F, Maserati 250/F (2.5)	1.06	231.818	144.04
24./25.8.	Karl Kling, André Simon, J.M. Fangio, D/F/RA, Mercedes- Benz W 196 (2.5)	1.05	235.384	146.26
26. 8.	Eugenio Castellotti, I, Lancia D 50 (2.5)	1.03,6	240.568	149.48
8. 9.	Juan Manuel Fangio, RA, Mercedes-Benz W 196 (2.5)	1.00,2	254.152	157.92
<u>1 9 5 7</u> 27. 6.	Tony Bettenhausen, USA, Novi Automotive (2.76)	53,7	284.386	176.71
29. 6.	Jimmy Bryan, USA, Dean Van Lines (4.1)	54,1	282.809	175.73
<u>1 9 5 8</u> 27. 6.	Bob Veith, USA, Bowes Seal Fast (4.12)	54	283.333	176.05
28. 6.	Luigi Musso, I, Ferrari 12 cyl. (4023)	54.5	280.733	174.44

L i n a s - M o n t l h é r y (banked track = 2548.24 m)

<u>1 9 2 4</u> 5. 10.	J.G. Parry Thomas, GB Leyland 8 (7266)	42.4	212.257	131.89
<u>1 9 3 4</u>	Mrs. Gwenda Stewart, GB, Derby-Miller Spl. (1.66)	38.57	237.845	147.79
<u>1 9 3 9</u> 6. 5.	Raymond Sommer, F, Alfa-Romeo 308 C (2.9)	38.4	238.897	148.44

A v u s [1921-36 : 1 lap = 19.573 km, radius north 143 m
12°, south 54,5 m (7°). 1937-65 : 1 lap = 19.286
km, radius north 92,6 m (43,6°)]

Officially timed figures in practice, race or record attempt

Date	Driver, Nation, Car	min.	km/h	m.p.h.
<u>1 9 2 6</u> 11. 7.	Adolf Rosenberger, D, Mercedes-Benz (2.0)	7.19	170.7	106.07
<u>1 9 3 1</u> 2. 8.	Rudolf Caracciola, D,	5.59,3	195.945	121.75
<u>1 9 3 2</u> 22. 5.	René Dreyfus, F, Maserati V 5 (4.9)	5.35,2	210.101	130.55
<u>1 9 3 3</u> 5. 5.	Count St. Czaykowski, F, Bugatti 54 (4.9)	5.24,2	217.2	134.96
21. 5.	" " "	5.17,4	221.716	137.77
<u>1 9 3 4</u> 6. 3.	Hans Stuck, D, Auto-Union (4.36)			
27. 5.	August Momberger, D, Auto- Union (4.36)	5.12	225.843	140.33
20. 10.	Hans Stuck, D, Auto-Union (4324)	4.44,4	247.1	153.54
10. 12.	Rudolf Caracciola, D, Merce- des-Benz (3.7)	4.43,9		
<u>1 9 3 5</u> 26. 5.	Hans Stuck, D, Auto-Union (4969)	4.32	259.039	160.96
<u>1 9 3 7</u> 29. 5.	Bernd Rosemeyer, D, Auto-	4.04,3	283.7	176.28
30. 5.	" " "	4.11,1	276.397	171.74

World track records
on a closed course with flying start

<u>1 9 5 4</u> ?. 8.	Sam Hanks, USA, Kurtis-Kraft/ Chrysler V 8 (450 b.h.p.)	Chrysler test track (4.7 miles)	293.79	182.55
<u>1 9 6 1</u> 28. 8.	Art Malone, USA, Maddog IV Kurtis-Osieccki/Dodge V 8 (6.7)	Daytona Beach Speedway (4 km)	292.2	181.5
<u>1 9 6 4</u> . 1.	Anthony Joseph Foyt, USA,	Goodyear test track nr. San Angelo, Texas (5 miles)	322.513	200.4
<u>1 9 7 5</u> . .	Mark Donohue, USA, Porsche 917-30 (5.0)	Talladega, Ala- bama	355.9	221.15
<u>1 9 7 9</u> 6. 5.	Dr. Hans Liebold, D, Merce- des-Benz C 111/4 (4.82)*Mi- chelin	Nardo nr. Brin- disi (12.6 km)	403.978	251.02

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FEDERATION INTERNATIONALE DE L'AUTOMOBILE

INTERNATIONAL HISTORICAL COMMISSION

Meeting on October 2, 1986 in Paris

Point 6

History of the International Class Records

The Clerk of the Course and Racing Manager of the Brooklands Automobile Racing Club (BARC) Major F. Lindsay Lloyd († 1940) introduced the first nine automobile classes for record breaking, the "Brooklands cubic capacity classes" on engine size. They lasted from 1912 to 1925, when the CSI of the AIACR took them over for international purposes and were defined as follows :

R A C			A I A C R	
class	1912 - 25 ccm	cu.in.	1925 - ccm	class
A	1 639	100		
B	2 448	125		
C	2 458	150		
D	2 868	175		
E	3 851	235		
F	4 998	305		
G	7 784	475		
H	13 929	850		
J	over 13929	over 850		

			1 500 - 2 000	E
			2 000 - 3 000	D
			3 000 - 5 000	C
			5 000 - 8 000	B
			over 8 000	A

The distances were half a mile, km, mile with flying start, 50 miles to 1000 miles with standing start, hours of duration and ten Brooklands laps on the Outer Circuit.

The actual international classes of competition cars and the record regulations had been introduced with the first Code Sportif International, Annexe C, D, and E in 1925, and recognized by the AIACR in 1927. In addition to the classes mentioned before, the Code Sportif put these engine capacities and kind of engines in the regulations :

class	c c m	introduced
F	1100 - 1500) 1925
G	750 - 1100	
H	500 - 750	} 1927
I	350 - 500	
J	up to 350	
") 1957
J	250 - 350	
K	up to 250	
Diesel	unlimited	1935
"	classes like Otto cycle	1964
Turbine engines	500,1000,over 1000 kg	1952
Jet prop. (rocket engines)	unlimited	1964
Hovercraft	unlimited	1965
Electric engines	500,1000,over 1000 kg	1965/71
Stirling engines	unlimited	1983

The distances were the same as in the world records. The longest record on time in the international classes should be 24 hours. But attempts on longer distances began in 1925 with Ansaldo, Rolland-Pilain and Fiat 501, the OM Superba and Invicta in 1926 to prove the reliability of the automobile.

The first record attempt under the new international regulations took place in Linas-Montlhéry on February 22, 1925. 1927 the USA entered the AIACR and drove international class records under the AIACR rules. It was not allowed to attack records in a higher class with a smaller engine.

In October 1968 the Comité approved a revision of Annexe D (Records) in the Code Sportif International, Art. 13, submitted by a Sous-Commission ad hoc, and which was enforced on January 1, 1970. *)

The CHI can, if required, give the history of all distances in the International classes. But it has selected here the flying start (km, mile to 10 miles) and the standing start (km, mile, the Hour and 24 hours).

*) Bulletin Sportif 1969, No. 19 Janvier, p. 10-12

International Class Records, Cat. A

Reciprocating piston engines, Otto combustion (gr. 1 + 2)

Class K. Up to 250 ccm (since 1.1. 1957)

		Flying start		sec.	km/h	m.p.h.
<u>1947</u>	Conte Giovanni Lurani, I,	Ostende	km	21.28	169.172	105.1
24. 8.	Nibbio-Guzzi		mile	34.48	168.027	104.4
<u>1958</u>	Alexej Ambrosenkov, SU,	Minsk	km	19.69	182.833	113.6
30. 7.	Zvesda-6					
<u>1959</u>	Luigi P. Cavanna, I,	Autostra-	km	15.51	232.108	144.2
30. 5.	Cobra-Guzzi	da del	mile	24.96	232.116	144.2
		Sole				

Standing Kilometre

<u>1947</u>	Conte Giovanni Lurani, I,	Ostende		35.34	101.867	63.3
24. 8.	Nibbio-Guzzi					
<u>1959</u>	Luigi P. Cavanna, I,	autostrada		28.41	126.715	78.7
30. 5.	Cobra-Guzzi					
<u>1968</u>	B. Smith, GB,	Elvington		27.088	132.89	82.5
5./6.10.		Airfield				

Standing Mile

<u>1947</u>	Conte Giovanni Lurani, I,	Ostende		49.31	117.493	73.0
24. 8.	Nibbio-Guzzi					
<u>1959</u>	Luigi Cavanna, I,	Autostrada		39.52	146.6	91.1
30. 5.	Cobra-Guzzi	del Sole				

T h e H o u r

			k m
<u>1 9 5 5</u> 6. 5.	Arthur Owen, GB, Cooper-JAP	L.-Montlhéry	112.71
<u>1 9 5 7</u> 7. 10.	William D.W. Knight, GB, Cooper-Norton	Monza	156.523
<u>1 9 6 3</u> 9. 10.	Angelo Poggio, I, Stanguellini-Guzzi	Monza	164.639

2 4 H o u r s

			k m	km/h
<u>1 9 5 7</u> 26. 7.	Max Nathan, Herm. Ramelow, Herb. Wilh. Schmitz, D, Goggomobil	Hockenheim	2 242.819	93.45
30. 9.	Jean Bianchi, Pierre Avenel, René Berra, F, Isetta-Velam	L.-Mont- léry	2 631.899	109.662

Class J. 250 to 350 ccm

				Flying start	sec.	km/h	m.p.h.
<u>1925</u> 6.+9.6.	H.M. Walters, GB, Jappic	Brook-lands	km mile		31.75 51.19	113.386 113.185	70.46 70.33
<u>1927</u> 11.7.	Mrs. Gwenda Stewart, GB, HS	L.-Mont- lhéry	5 km 5 miles 10 km 10 miles		2-30.17 4-08.37 5-09.34 8-17.42	119.864 116.629 116.376 116.469	74.48 72.47 72.31 72.37
<u>1928</u> 25.4.	Douglas Hawkes, GB, H S	Mont- lhéry	5 km 5 miles 10 km 10 miles		2-25.36 3-54.53 4-51.48 7-50.62	123.83 123.515 123.507 123.099	
" 26.8.	Mrs. Gwenda Stewart, GB, Jappic	Arpajon	km mile		29.145 47.71	123.52 121.434	
<u>1934</u> 16.10.	G. B. Gush, GB, GN-Vitesse/Blackb.	Brook-lands	km mile 5 miles		28.86 46.44 3-52.5	124.749 124.032 124.596	
<u>1939</u> 25.5.	Raffaele Cecchini, I, Moscerino	Giannini- Lucca	1 Zyl. km mile		24.51 23.8	146.878 146.541 151.275	
" 24.8.	Conte Giovanni Lurani, I, Nibbio- Guzzi (247)	Firenze-Mare Jabbeke- Aeltre	km mile		21.28 34.48	169.172 168.027	
<u>1950</u> 24.7.	A.T.G. Gardner, GB, MG (332)	"	km mile		18.585 29.74	193.756 194.809	
<u>1951</u> 26.10.	Georg v. Opel, D, NSU Spl. 2 Zyl. Kompr.	BAB Munich	km mile		16.87 27.26	213.396 212.504	
<u>1960</u> 23.8.	Edvard O. Lorent, SU, Charkov L-350	Baskunt- chuk-See	km		15.96	225.563	
<u>1961</u> 7.9.	ders.	"	km		14.63	246.1	
<u>1963</u> 5.9.	ders.	"	km		14.35	250.871	
<u>1966</u> 28.8.	Wilhelm Herz, D, NSU-Herz Kompr.	BAB K' Lautern	km		14.14 22.74	254.615 254.735	

J . Up to 350 ccm
 =====

	Standing start, k m		sec.	km/h	m.p.h.
<u>1925</u> 9.6.	H.M. Walters, GB, Jappic	Brook-lands	42.27	85.167	52.9
<u>1947</u> 24.8.	Conte Giovanni Lurani, I, Nibbio-Guzzi (247)	Ostende	35.34	101.867	63.2
<u>1957</u> 8.10.	Piero Taruffi, I, Tarf-Gilera	Monza	30.81	116.845	72.6
<u>1969</u> 19.10.	B. Smith, GB, Smith Spl.	Elving-ton	29.96	120.16	74.6
<u>1971</u> 15.11.	Wilhelm Herz, D, NSU	BAB Lud-wigshafen	29.329	122.745	76.2

Standing start, m i l e

<u>1925</u> 9.6.	H.M. Walters, GB, Jappic	Brook-lands	61.94	93.535	58.1
<u>1947</u> 24.8.	Conte Giovanni Lurani, I, Nibbio-Guzzi (247)	Ostende	49.31	117.493	73.6
<u>1958</u> 25.10.	Wm. Knight, GB, Cooper-Norton	Thurleigh	46.98	123.3	76.6

J . Up to 3 5 0 ccm

The Hour

			k m
<u>1927</u> 10.10.	Douglas Hawkes, GB, H S	Montlhéry	104.691
<u>1928</u> 15.7.	Mrs. Gwenda Stewart, GB, H S	Montlhéry	114.191
<u>1934</u> 17.8.	G. B. Gush, GB, GN-Vitesse/Blackburne	Brooklands	116.864
27.9.	" " " "	"	117.543
<u>1950</u> 21.11.	Stirling Moss, GB, Kieft-Norton	Montlhéry	127.735
<u>1951</u> 8.10.	John N. Cooper, GB, Cooper-Norton	"	145.28
<u>1953</u> 6.10.	John N. Cooper, GB, Cooper-Norton	"	167.88
<u>1957</u> 26.4.	Pietro Campanella, I, Nibbio II-Guzzi	Monza	174.399
23.9.	Piero Taruffi, I, Tarf I-Gilera	"	190.057

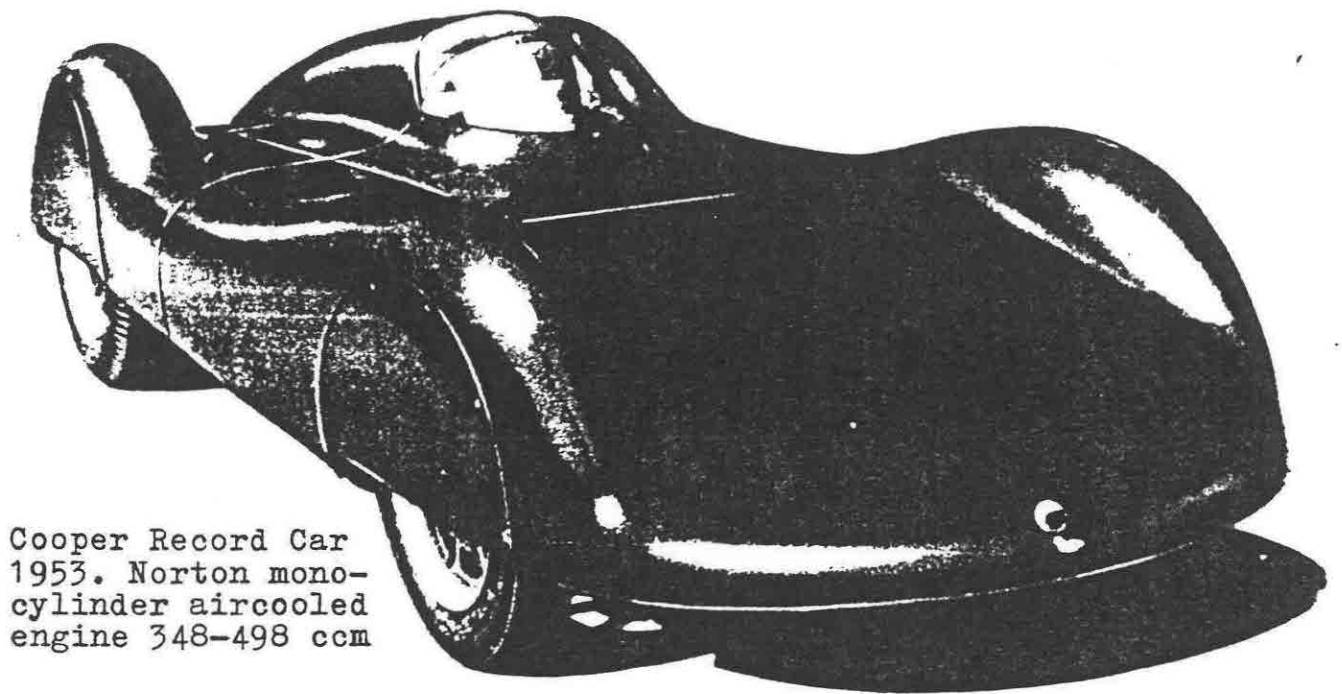
2 4 H o u r s

			k m	km/h
<u>1926</u> 23./24.5.	Herpson, F, Micron	St. Germain	1 100.67	45.86
<u>1934</u> 17./18.8.	Clive Windsor-Richards, Selby, Le Croisette, GB, GN-Vitesse Spl.	Mont- lhéry	828.228	34.50
<u>1953</u> 26./27.9.	J. & J.L. Vinatier, Barbot, F, Citroen 2 CV	"	2 040.469	85.02
<u>1954</u> 23./24.5.	Karl-Hans Schaeufele, Adolf Bru- des, Hubertus Ricker, D, Lloyd III 300 (297)	"	2 686.956	111.95

Class I . 350 to 500 ccm

F l y i n g s t a r t				min/sec	km/h	m.p.h
<u>1926</u> 13.4.	Kaye Don, GB, Jappic-JAP	Brook-lands	5 miles		104.881	65.0
			10 miles		104.447	64.9
19.4.	" " " Avon-JAP	"	5 miles		105.879	65.0
			10 miles		105.766	65.0
25.5.	" " " " "	"	5 km	2-48.47	106.843	66.0
			5 miles	4-31.21	106.812	66.0
			10 km	5-37.44	106.685	66.0
			10 miles	9-05.17	106.265	66.0
5.9.	Michel Doré, F, Sima-Violet	Arpa-jon	km	32.515	110.718	68.0
			mile	52.665	110.015	68.0
<u>1927</u> 6.9.	Raoul de Rovin, F, Rovin	Arpajon	km	27.26	132.061	82.0
			mile	43.615	132.836	82.0
4.12.	Raoul de Rovin, F, Rovin	Arpajon	5 km	2-13.19	135.145	83.0
			10 km	4-30.36	133.155	82.0
<u>1928</u> 26.8.	Raoul de Rovin, F, Rovin-Cozette*Dunlop	Arpajon	km	26.445	136.157	
			mile	43.005	134.719	
<u>1935</u> 27.10.	Joseph Möritz, D, DKW Metzeler	RAB Frankfurt	km	25.325	142.152	
			mile	41.095	140.981	
5.11.	Conte Giovanni Lurani, I, Nibbio-Guzzi <small>22y/1. 50 Ps/7500</small>	Firenze-Mare	km	22.2	162.162	
			mile	35.815	161.765	
<u>1939</u> 31.5.	Conte Giovanni Lurani, I, Nibbio-Guzzi	RAB Dessau	km	20.97	171.683	
			mile	33.77	171.561	
			5 km	1.45,47	170.667	
<u>1947</u> 24.7.	A.T.G. Gardner, GB, M G	Ostende	km	18.94	190.073	
			mile	30.64	189.086	
<u>1948</u> 26.11.	Piero Taruffi, I, Tarf-Guzzi	Brescia-Bergamo	km	17.36	207.373	
			mile	28.41	203.929	
<u>1949</u> 15.9.	A.T.G. Gardner, GB, M G (3 cyl.)	Ostende	km	14.445	249.221	
			mile	23.345	247.114	
<u>1951</u> 26.10.	Ferdinand Lehder, D, NSU-Kompr.	BAB München	km	13.76	261.628	
			5 km	1-10.3125	256.0	
<u>1965</u> 26.9.	Wilhelm Herz, D, NSU-Kompr.	Bonneville, Utah Salt Flats	mile	21.872	264.88	
			km	13.598	264.705	

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Cooper Record Car
1953. Norton mono-
cylinder aircooled
engine 348-498 ccm

S t a n d i n g K i l o m e t r e

			sec.	km/h
<u>1 9 2 8</u> 26. 8.	Raoul de Rovin, F, Rovin	Arpajon	41.48	86.788
<u>1 9 3 2</u> 7. 4.	Victor de Strasser-Sylton, A, Sylton-DKW	Vienna, Neunkirchner Allee	40.07	89.843
<u>1 9 3 5</u> 5. 11.	Conte Giovanni Lurani, I, Nibbio-Guzzi	Firenze- Mare	34.32	104.895
6. 11.	Joseph Moeritz, D, DKW Spl.	Gyon	34.245	105.125
<u>1 9 3 9</u> 31. 5.	Conte Giovanni Lurani, I, Nibbio-Guzzi*Metzeler	RAB Dessau	33.02	109.024
<u>1 9 4 8</u> 27. 11.	Piero Taruffi, I, Tarf-Guzzi	Brescia- Bergamo	30.775	116.978
<u>1 9 5 1</u> 12. 4.	Georg v. Opel, D, N S U Spl.	BAB Muen- chen	29.95	120.2
<u>1 9 5 6</u> 8. 5.	Piero Taruffi, I, Tarf I- Gilera	Castelfu- sano	28.29	127.253
<u>1 9 6 2</u> 19. 7.	Edvard Lorent, SU, Kharkov L-500	Salt Lake Bascuntchak	28.0	128.571
<u>1 9 7 0</u> 3. 10.	B. Smith, GB, AJS Spl.	Elvington Airfield	27.325	131.75

T h e H o u r

				k m
<u>1 9 2 6</u> 25. 5.	Kaye Don, GB, Avon-JAP	Brooklands		100.097
<u>1 9 2 7</u> 16. 10.	Raoul de Rovin, F, Rovin	L.-Montlhéry		119.814
<u>1 9 3 8</u> 23. 5.	Raffaele Cecchini, I, Fiat-Giannini	Monza		138.438
<u>1 9 5 0</u> 11. 10.	Elie Bayol, F, DB-Panhard	L.-Montlhéry		140.876
23. 11.	Stirling Moss, GB, Kieft- Norton	L.-Montlhéry		146.991
<u>1 9 5 1</u> 9. 10.	John N. Cooper, GB, Cooper- JAP	L.-Montlhéry		159.991
<u>1 9 5 3</u> 5. 10.	John N. Cooper, GB, Cooper- Norton	L.-Montlhéry		173.745
9. 10.	John N. Cooper, GB, Cooper- Norton	L.-Montlhéry		181.224
16. 10.	Piero Taruffi, I, Tarf I- Gilera	L.-Montlhéry		185.318
28. 10.	John K. Brise, GB, Arnott- Norton	L.-Montlhéry		189.512
<u>1 9 5 4</u> 20. 10.	Piero Taruffi, I, Tarf I- Gilera	L.-Montlhéry		200.785

Eigentum
des Deutschen Patentamts

Zu der Patentschrift 812 632
Kl. 63c Gr. 37

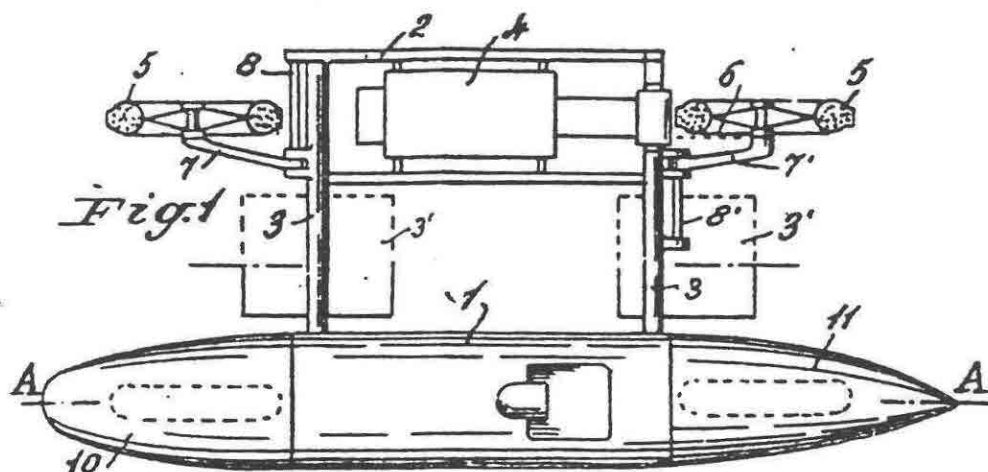


Fig. 1

Fig. 2

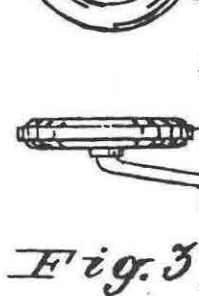
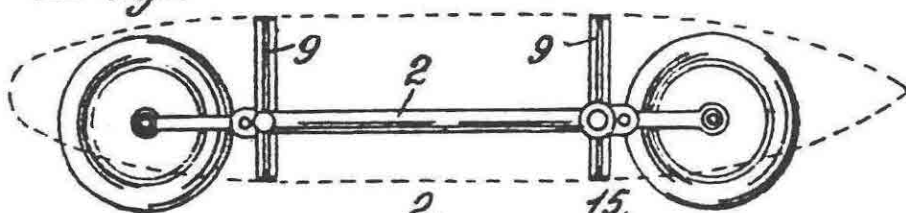


Fig. 3

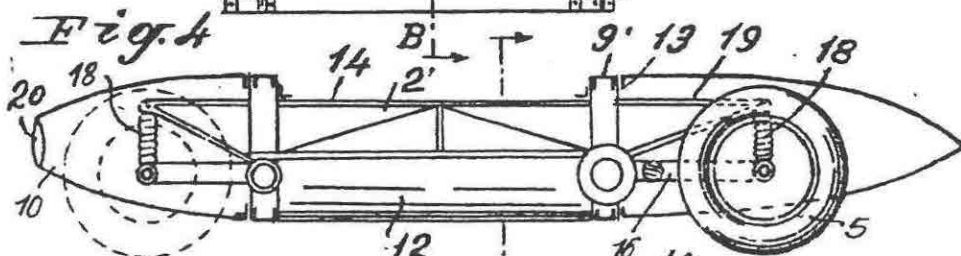


Fig. 4

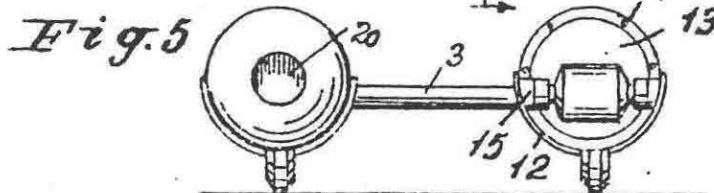


Fig. 5

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German Patent of Piero Taruffi's "bisiluro", Italy 1949^{53.}
and Germany 1950.

1948-57 TARF with aircooled Guzzi- or Gilera-engine
(350 and 500 ccm), 1951-56 ITALCORSA with watercooled
Maserati-engine (4 cyl., 1725 ccm).

Key to :

Fig. 1-2 1 = ring-shaped shell, 2 + 2' = long straight
tubular member with fastening ring members,
3 + 3' = tube cross member with airbrake, transmission-
and steering-parts, 4 = power unit, 5 = wheels, 6 = trans-
mission, 7 + 7' = radius arms, 8 + 8' = independent sus-
pension with torsion bar, 9 + 9' = rings, 10 and 11 =
nose and bonnet of the shell.

Fig. 3-5 12 = monocoque frame, 13 = cross screen, 14 =
2 + 2', 15 = binding clamp to link 2, 2' and 3,
16 = axle arm, 17 = housing tube, 17' = gearbox with bearing,
18 = vertical helical spring, 19 = console for the tubular
member, 20 = air intake for engine cooling.

5963

2 4 H o u r s

			k m	km/h
<u>1 9 2 6</u> 23./24.5.	Jean Treunet, F, Sima-Violet	St. Germain	1 575.696	65.654
<u>1 9 3 0</u> 4./5.4.	R.v.Koenig-Fachsenfeld, F.C. Meyer, D, DKW	L.-Mont- lhéry	2 196.124	91.505
<u>1 9 5 5</u> 24./25.8.	Adolf Brudes, Hubertus Ricker, K.H.Schaeufele, D Lloyd (386)	L.-Mont- lhéry	2 815.516	117.31
<u>1 9 5 6</u> 23./24.7.	Thiele, Poltronieri, della Beffa, Cattini, Fraccari, I, Abarth	L.-Mont- lhéry	3 310.769	137.948

Class H. 500 to 750 ccm
 Prepared 1923 as Class L, introduced 1924 as H

F l y i n g s t a r t

Date	Driver, Nation, Location	Car	Distance	Time	km/h	m.p.h.
<u>1 9 2 3</u> 6. 9.	E.C. Gordon England, GB Brooklands	Austin Seven	10 miles		126.446	78.5
<u>1 9 2 4</u> 19. 6. 5. 8.	" " Capt. A.C.R. Waite, AUS Brooklands	" " Austin Seven	5 miles 5 miles		129.907 130.888	80.7 81.3
16.10.	E.C. Gordon England, GB L.-Montlhéry	"	5 km 5 miles	2.13,6 3.35,25	134.73	83.7 83.6
<u>1 9 2 5</u> 15. 4.	Capt. A.C.R. Waite, AUS Brooklands	Austin Seven	k m mile	26,02 42,71	138.355 135.647	85.9 84.2
<u>1 9 2 7</u> 25. 11.	Jean Vinatier, F L.-Montlhéry	J.Grazide	5 km 5 miles 10 km 10 miles	1.55,59 3.06,39 3.51,56 6.14,14	155.722 155.416 155.467 154.851	96.7 96.5 96.6 96.2
<u>1 9 2 9</u> 25. 8.	Raoul de Rovin, F L.-Montlhéry	Rovin-JAP	mile		138.517	86.0
<u>1 9 3 0</u> 18. 10.	S.C.H. Davis, GB Brooklands	Austin	mile		141.236	87.7
<u>1 9 3 1</u> 6. 2.	Malcolm Campbell, GB Daytona Beach	Austin	mile		151.326	94.0
10. 2.	Capt. George E.Th. Eyston,GB Montlhéry	M G Midget	5 miles 10 miles		156.091 155.962	96.9 96.9
16. 2.	" " " "	" "	5 miles 10 miles		165.377 163.944	102.7 101.8
13. 3.	" " Brooklands	MG-Midget Ex-120	k m mile	23,04	156.25 155.994	97.0 96.9
8. 8.	Leon A. Cushman, GB Brooklands	Austin	mile		162.013	100.6
12. 8.	Viscount Ridley, GB Brooklands	Special	k m mile	21,225	169.625 168.273	105.4 104.5
8. 9.	Miss Gwenda Hawkes, GB L.-Montlhéry	Austin	5 miles 10 miles		175.515 175.338	109.0 108.9
17. 10.	E.A.D. Eldridge, GB L.-Montlhéry	M G Ex-127	5 km		177.479	110.2
22. 12.	Capt. George E.Th. Eyston,GB Montlhéry	M G Ex-127	5 km 5 miles 10 miles	1.37,45	184.705 184.657 184.206	114.7 114.7 114.4
<u>1 9 3 2</u> 8. 2.	Capt. George E.Th. Eyston,GB Pendine Sands	M G Ex-127	mile		190.47	118.3
13. 12.	" " L.-Montlhéry	" "	k m mile 5 km	18,55	194.07 194.023 193.926	120.5 120.5 120.5

Flying start (continued)

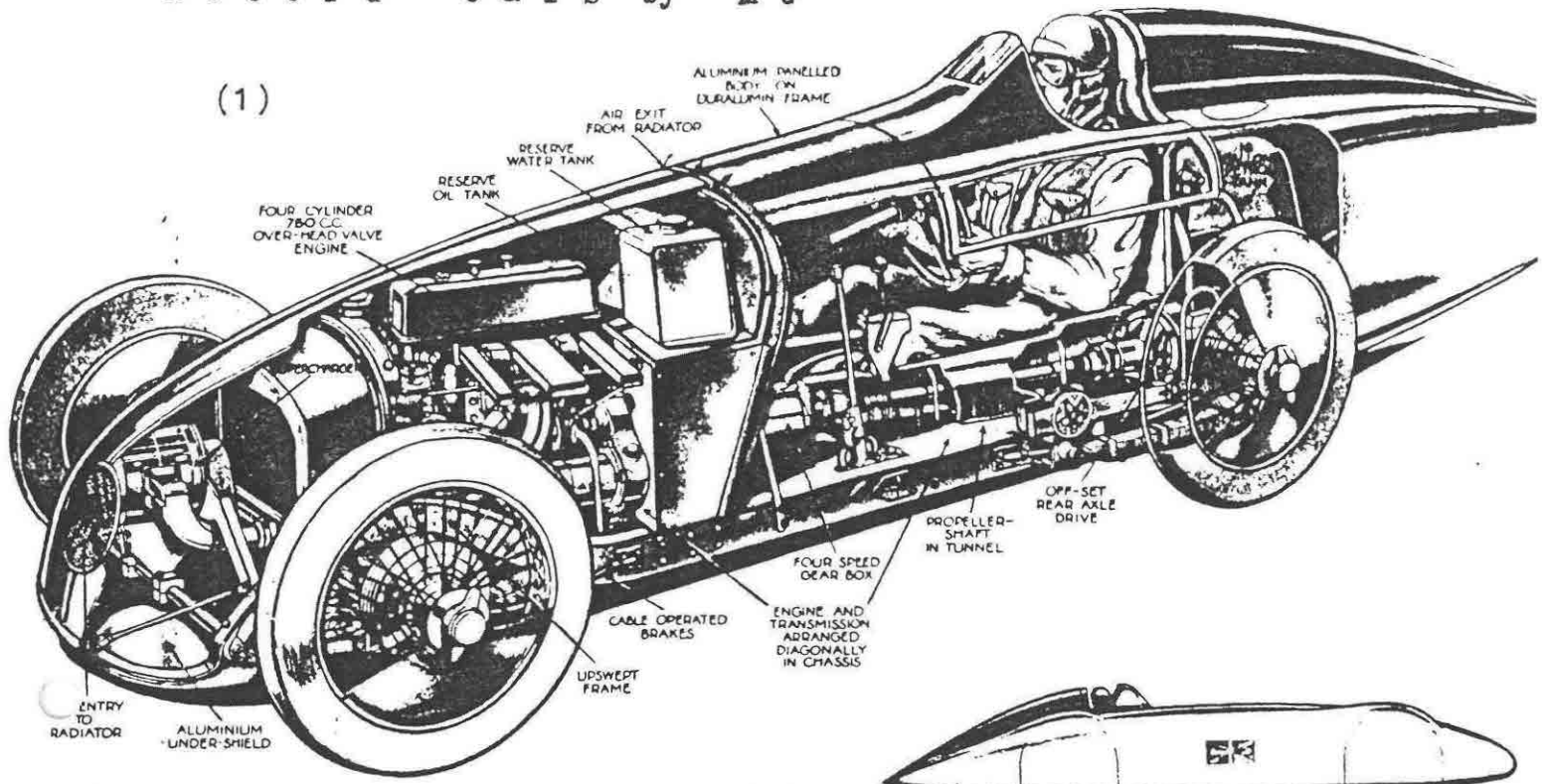
<u>1933</u> 19. 10.	Albert W. Denly, GB L.-Montlhéry	M G J-4	k m mile 5 km 5 miles	17,47 1.27,04 2.20,54	206.067 206.994 206.801 206.12	128.0 128.6 128.6 128.0
<u>1935</u> 18. 5.	Robert Kohlrausch, D Gyon	MG Magic Midget Ex- -127	k m mile	17,09	210.649 210.028	130.8 130.5
<u>1936</u> 10. 10.	" RAB Frankfurt	"	k m mile	15,92 25,59	226.131 226.399	140.5 140.7
<u>1946</u> 27. 8.	Major A.T.G. Gardner, GB Brescia	M G Ex-135 (6 cyl.)	k m mile	15,43 25,11	233.311 230.722	144.9 143.3
30. 10.	" Jabbeke-Aeltre	"	k m mile	14,06 22,62	256.045 256.128	159.c 159.1
<u>1963</u> 2./3.9.	Edvard O. Lorent, SU Salt Lake Bas- cuntchak	Charkov-L (550)	k m 5 km	12,58 1.06,31	286.168 271.5	177.8 168.7

Standing Kilometre

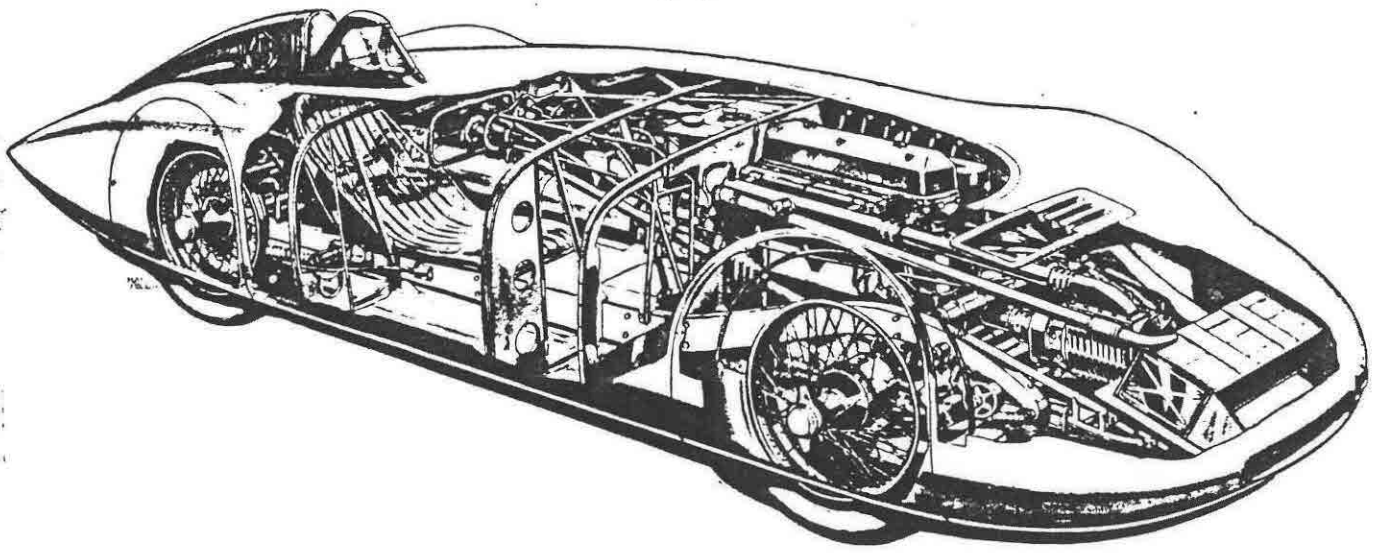
			sec.	km/h	m.p.h.
<u>1925</u> 5. 8.	Cpt. A. Waite, AUS, Austin	Brooklands	37.12	96.983	60.2
<u>1929</u> 25. 8.	Raoul de Rovin, F, Rovin-JAP	Arpajon	36.385	98.94	61.4
<u>1930</u> 18. 10.	S.C.H. Davis, GB, Austin	Brooklands	35.72	100.784	62.6
30. 10.	V. E. Harker, GB, Austin	Brooklands	35.5	101.408	63.c
1932 1.11.	E.R. Hall, GB, MG Midget C	Brooklands	33.4	107.784	66.9
<u>1934</u> 1. 8.	W. G. Everitt, GB, MG-Midget	Brooklands	32.07	112.254	69.7
11. 10.	E. G. Burggaller, D, Austin	Gyon	30.5	118.033	73.3
18. 10.	W. G. Everitt, GB, MG-Midget	Brooklands	29.665	121.355	75.4
<u>1935</u> 18. 5.	Robert Kohlrausch, D, MG- Magic Midget Ex-127	Gyon	27.38	131.482	81.7
<u>1936</u> 10. 10.	Robert Kohlrausch, D, MG- Magic Midget Ex-127	RAB Frank- fort	27.19	132.401	82.2
4. 11.	Charles J.P. Dodson, GB, Austin	Brooklands	26.75	134.579	83.6
<u>1969</u> 10. 10.	B. Parkins, GB, Keele-Triumph (670)	Elvington Airfield	25.12	143.312	89.c

Record Cars by MG

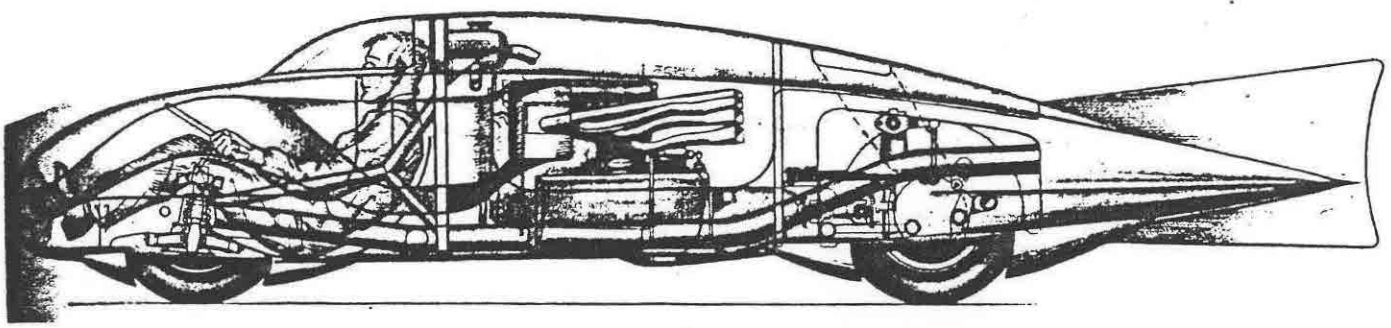
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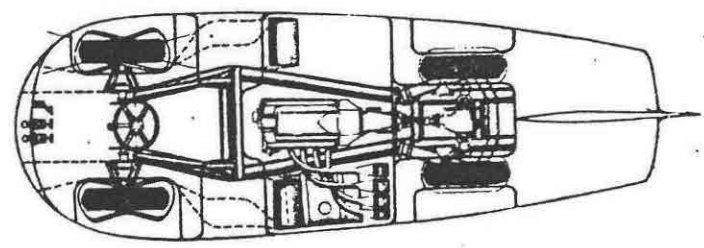
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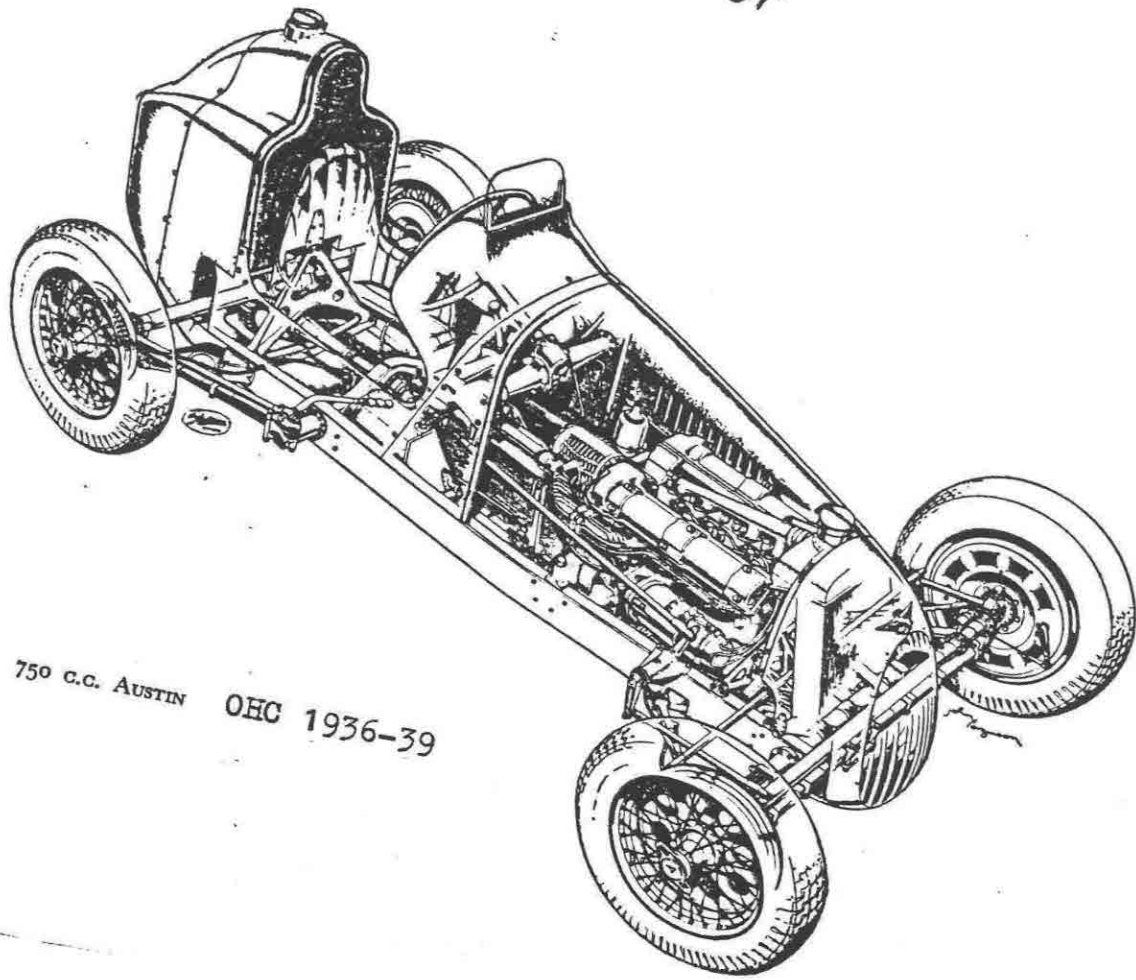


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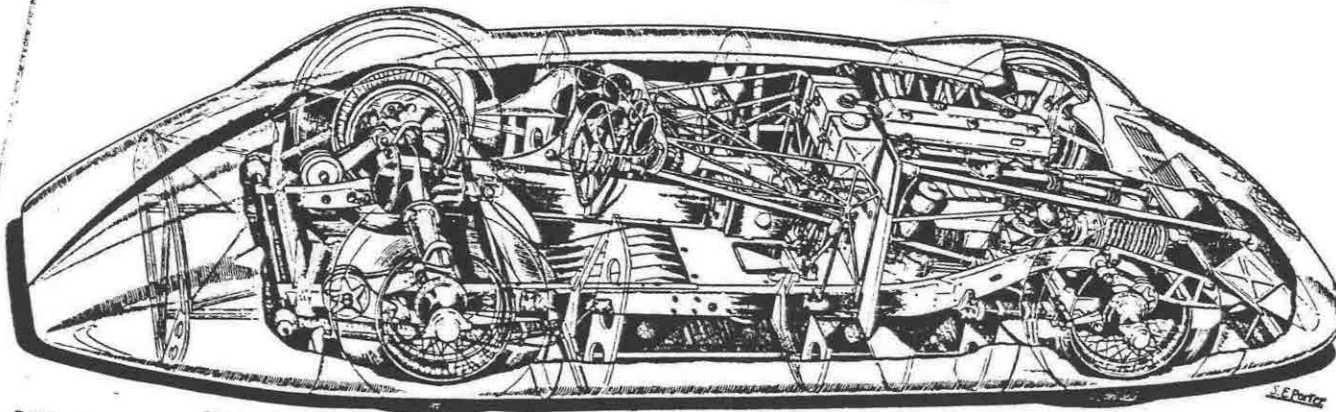


(1) Ex-127, 1931; (2) Ex-135
 Railton, 1938-51; (3) Ex-179/181,
 1956-59





750 c.c. AUSTIN OHC 1936-39



MG Record Car Ex-135 Railton, 1938-51

The Hour				km	miles
<u>1923</u> 6.9.	E.C. Gordon	England, GB	Austin Seven	Brook- lands	118.432 73.50
13.10.	"	"	"	"	118.931 73.9
<u>1924</u> 20.9.	"	"	"	"	121.94 75.7
16.10.	Capt. A.C.R. Waite,	AUS	"	L.-Montlh.	127.27 79.00
"	"	"	Salmson	"	127.5 79.20
<u>1926</u> 2.8.	Capt. A.C.R. Waite,	AUS	Austin	Brook- lands	134.638 83.60
<u>1930</u> 18.10.	S.C.H. Davis,	GB	Austin	"	136.536 84.80
<u>1931</u> 25.9.	Capt. George E.Th. Eyston,	GB	M G Ex-120	Linac-Mont- lhéry	162.719 101.1
<u>1934</u> 10.5.	Ronald T. Horton,	GB	M G Midget	Brook- lands	179.829 111.70
<u>1936</u> 27.10.	Charles J.P. Dodson,	GB	Austin	"	183.447 113.90
<u>1953</u> 11.10.	René Bonnet, F,	DB-Panhard		L.-Montlhéry	191.245 118.80
<u>1954</u> 10.12.	Pierre Chancel, F,	Panhard		L.-Montlhéry	201.892 125.40
<u>1958</u> 25.10.	Remo Cattini, I,	Fiat-Abarth 750 Bialbero Farina		Monza	205.76 127.80
<u>1960</u> 22.9.	Umberto Maglioli, I,	Abarth 750 Farina		Monza	213.643 132.70

2 4 H o u r s

			k m	km/h	m.p.h.
<u>1 9 2 6</u> 23./24.5.	Marcel Violet, F, Sima- Violet	St. Germain	1 564.11	65.171	40.5
<u>1 9 2 7</u> 11./12.9.	Camuzet, F, Peugeot	Monza	1 578.353	65.764	40.86
<u>1 9 2 8</u> 7./8.6.	Capt. C.K. Chase, H.D. Par- ker, B.D.J. Bland, GB, Austin Seven	L.-Mont- lhéry	2 534.913	105.621	65.63
<u>1 9 3 2</u> 19./20. 12.	Capt. George E.Th. Eyston, Albert Denly, GB, MG-Midget T.H. Wisdom, GB J-5	L.-Mont- lhéry	2 727	113.625	70.61
<u>1 9 3 4</u> 6./7.12.	Philippe Maillard-Brune, Charles Druck, F, MG K-3	L.-Mont- lhéry	2 947.047	122.794	76.3
<u>1 9 5 1</u> 10./11.10.	Cornu, Dussous, Guerne, Lié- nard, de Montrémy, J. & P. mard, F, Monopole-Panhard	L.-Mont- lhéry	3 339.448	139.144	86.46
<u>1 9 5 3</u> 3./4.9.	René Bonnet, Pierre Levegh, Michel Aunaud, F, DB-Pan- hard	L.-Mont- lhéry	3 559.891	148.329	92.17
<u>1 9 5 6</u> 17./18.6.	Umberto Maglioli, Mario Poltronieri, Alfonso Thiele, Remo Cattini, I, Fiat Abarth 750 Bertone	Monza	3 743.642	155.985	96.94
<u>1 9 5 7</u> 24./25.7.	Giulio Cabianca, Remo Cat- tini, Mario Poltronieri, Ma- rino Guarnieri, Corrado Man- fredini, I, Abarth MM	Monza	4 258.909	177.454	110.2

Class G . 7 5 0 to 1 1 0 0 ccm
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F l y i n g s t a r t

				km/h	m.p.h
1922 17.8.	A. Lombard, F Brooklands	Salmson	5 miles	140.206	87.1
1923 9.9.	Maurice Benoist, F Arpajon	Salmson	k m	22.47	160.213
1924 6.7.	Georges Casse, F Arpajon	Salmson	mile	159.953	99.3
1925 1.7.	L.C.G.M. Le Champion, Brooklands	G N	k m mile	28.33 127.073	78.9 78.1
11.10.	Georges Casse, F Arpajon	Salmson	k m mile	19.755 32.71	182.232 177.121
1926 9.5.	André Morel, F, Amilcar*Dunlop		Arpajon	km mile	18.235 29.565
1927 6.9.	Pierre Goutte, F, Salmson		Arpajon	km mile	18.3 29.515
1928 26.8.	André Morel, F, Amilcar*Dunlop		Arpajon	km mile	17.4 28.12
1934 27.10.	George E.T. Eyston, GB, MG-Magnette Ex-135		Montlhéry 5 miles	km mile	17.381 27.971
28.11.	Giuseppe Furmanik, I, Maserati 4 CM		Pistoia	km	16.17
1936 29.1.	Giuseppe Furmanik, I, Maserati		Tassignano /Flor.-Mare	mile	27.28
1937 15.6.	A.T.G. Gardner, GB, MG K-3 Ex-135		RAB Frankfurt	km mile	15.72 25.26
25.10.	" " " " " "		" "	km mile	15.04 24.205
1938 9.11.	A.T.G. Gardner, GB, MG K-3 Ex-135		RAB Frankfurt Railton	km mile	11.985 19.295
1939 31.5.	A.T.G. Gardner, GB, MG K-3 Ex-135		RAB Dessau Railton	km mile	10.99 17.72

S t a n d i n g K i l o m e t r e

<u>1 9 2 5</u> 10. 8.	Lt. J.A. Hall, GB	Frazer- -Nash	Brooklands	38.57	93.342	58
<u>1 9 2 6</u> 9. 5.	Charles Martin, F,	Amilcar	Arpajon	28.555	126.072	
<u>1 9 3 4</u> 28. 8.	Humphrey W. Cook, GB,	ERA	Brooklands	28.05	128.342	
<u>1 9 3 6</u> 8. 1.	Giuseppe Furmanik, I,	Mase-	Capelle-	27.38	131.483	
20. 10.	R.J.W. Appleton, GB,	Riley ^{Spd}	Brooklands	27.26	132.061	
<u>1 9 5 6</u> 22. 9.	Fr. B. Sowrey, GB,	Cooper- -JAP (1.05)	Thurleigh	25.52	141.065	
<u>1 9 6 8</u> 6. 10.	A. Staniforth, GB,	Terrapin	Elvington Airfield	24.509	146.878	
<u>1 9 6 9</u> 19. 10.	H. Bull, GB,	Stripduster	Elvington Airfield	21.81	165.061	

S t a n d i n g m i l e

<u>1 9 2 5</u> 10. 8.	Lt. J.A. Hall, GB	Frazer- Nash	Brooklands		98.17	61
<u>1 9 2 6</u> 29.110.	Capt. A.G. Frazer- Nash, GB	"	Brookl.		114.457	71.1
<u>1 9 3 3</u> 27. 9.	H.T.H. Clayton, GB	Amilcar	Brooklands		120.009	74.5
<u>1 9 3 4</u> 23. 7.	Ronald T. Horton, GB	MG-Magnette K-3	Brooklands		133.898	83.2
28. 8.	Humphrey W. Cook, GB	E R A	Brooklands		143.088	88.9
<u>1 9 3 6</u> 8. 1.	Giuseppe Furmanik, I	Maserati 4 CM	Capelle-Mte.Sil- vano	39.57	146.415	90.9
20. 10.	R.J.W. Appleton, GB	Maserati-Riley	Brooklands	39.43	146.901	91.3
<u>1 9 5 6</u> 22. 9.	W.Cdr. Frederick B. Sowrey, GB	Cooper-JAP	Thurleigh	38.34	151.1	93.9

T h e H o u r

			km/h	m.p.h.
<u>1 9 2 3</u> 13. 10.	R. Bueno, F, Salmson	Brooklands	142.286	88.0
<u>1 9 2 7</u> 16. 7.	George Newman, GB, Salmson	Brooklands	152.458	94.0
<u>1 9 2 8</u> 13. 7.	Prince Matei Ghica Cantacuzino, R, Cozette MGC (4 cyl., 2 stroke)	L.-Montlhéry	166.15	103.0
<u>1 9 3 1</u>	Capt. George E.Th. Eyston, GB, Riley Nine Plus	L.-Montlhéry	173.987	108.0
<u>1 9 3 3</u> 28. 10.	Fred W. Dixon, GB, Riley Nine "Red Mongrel"	Brooklands	178.525	110.0
"	Henken Widengren, N, Amilcar	L.-Montlhéry	185.588	115.0
<u>1 9 3 4</u> 26. 3.	R. T. Horton, GB, MG-Magnette K-3	Brooklands	188.3	117.0
28. 10.	Capt. George E.Th. Eyston, GB, MG-Magnette Ex-135	L.-Montlhéry	194.543	120.0
<u>1 9 5 6</u> 9. 10.	Herbert McKay Fraser, BR, Lotus 11 Climax	Monza	220.9	137.0
<u>1 9 5 9</u> 11. 9.	Gus O. Ehrman, USA, Austin-Healey Sprite	Bonneville Salt Flats	236.485	146.0

2 4 H o u r s

			k m	km/h
<u>1 9 2 2</u> 27./28.5.	André Morel, F, Amilcar(1.0)	Clichy-Baujours	1 450.658	60.447
<u>1 9 2 3</u> 20./21.5.	Robert Benoist, and Lucien Desvaux, F, Salmson	St. Germain	1 777.235 each	74.052
<u>1 9 2 4</u> 14./15.6.	Rigoldi/Biagioni, I, Salmson	Monza	2 039.379	84.974
<u>1 9 2 6</u>				
3./4.7.	Lagache/Léonard, F, Chenard & Walcker	Francor-champs	2 235	93.125
<u>1 9 2 8</u> 14./15.2.	D.M.K.Marendaz, Douglas Hawkes, Kaye Don, Mrs.Gwenda Stewart, GB, Vernon-Derby	L.-Mont-lhéry	2 247.005	93.625
16./17.6.	Michel Doré/Jean Treunet, F, BNC	Le Mans	2 270.066	94.586
<u>1 9 2 9</u> 26./27.3.	Desvaux,Kaseley,Goutte, F, Vernon-Derby	L.-Mont-lhéry	2 492.638	103.514
"	Douglas Hawkes, Mrs.Gwenda Stewart, GB, Vernon-Derby	L.-Mont-lhéry	2 525.256	105.219
<u>1 9 3 0</u> 28./30.5.	E.A.D.Eldridge/George E.Th. Eyston, GB, Riley Nine "Monaco" saloon	L.-Mont-lhéry	2 573.461	107.227
<u>1 9 3 3</u>	G.E.T.Eyston, A.Denly, T.H. Wisdom, Cl.Gallop, GB, MG	L.-Mont-lhéry	3 111.401	129.642
5./6.12.	Arthur Duray, Jean & H. de Gavardie, F, Amilcar Six	L.-Mont-lhéry	3 285.643	136.902
<u>1 9 5 6</u> 8./9.8.	Alfonso Thiele, Remo Cattini, Mario Poltronieri, I, Abarth(784)	Monza	4 025.333	167.722
<u>1 9 6 0</u> 28./29.9.	Umberto Maglioli, Remo Cattini, G.Carlo Baghetti, Mario Poltronieri, Alfonso Thiele, Corrado Manfredini etc., I, Abarth(982)	Monza	4 771.082	198.795

Class F . 1 . 1 to 1 . 5 litres

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F l y i n g s t a r t

					km/h	m.p.h
<u>1922</u>	John A. Joyce, GB	A C	mile		165.634	102.9
<u>3.10.</u>	Brooklands					
24.11.	" " "	"	5 miles		167.63	104.1
<u>1923</u>	Deo Chiribiri, I	Chiri-	km	22.09	162.969	101.2
<u>8.2.</u>	Seste Giovanni-Monza	biri				
<u>1924</u>	John A. Joyce, GB	A C	5 miles		170.044	105.6
<u>17.11.</u>	Brooklands		10 miles		169.851	105.5
6. 7.	Scales		mile		166.39	103.3
	Arpajon					
<u>1925</u>	E.A.D. Eldridge, GB	Anzani	mile		183.755	114.1
<u>17.8.</u>	Brooklands	Spl.				
31.8.	" " "	"	km	19.76	182.186	113.2
11.10.	" " "	"	mile		182.243	113.2
			km	19.075	188.729	117.2
			mile	30.88	187.617	116.5
12.10.	" " "	"	5 miles		187.811	116.7
	L.-Montlhéry					
25.10.	Edmond Bourlier, F	Talbot	km	18.645	193.081	119.7
	Arpajon					
31.8.	H.O.D. Segrave, GB	Talbot	mile		182.243	113.2
	Brooklands		5 miles		182.033	113.1
19.11.	E.A.D. Eldridge, GB	Anzani	5 miles		193.379	120.1
	L.-Montlhéry	Spl.				
12.12.	" " "	"	5 miles		195.954	121.7
<u>1926</u>	Albert Divo, F	Talbot	km	17.24	208.816	129.7
<u>5.9.</u>	Arpajon		mile	27.955	207.252	128.7
21.9.	E.A.D. Eldridge, GB	Miller	5 km	1.23,83	214.72	133.4
			10 km	2.47,9	214.413	133.2
			10 miles	4.31.75	213.144	132.4
			5 miles		214.382	133.2
<u>1927</u>	Frank Lockhart, USA	Miller	mile	21.95	263.946	164.0
<u>11.4.</u>	Muroc Lake, Calif.					
<u>1929</u>	Léon Duray, USA	Packard	5 km	1.21,05	222.085	139.5
<u>10.8.</u>	L.-Montlhéry	Cable Spl.	5 miles		220.835	137.2
25.8.	" " "	"	km	15.61	230.621	143.3
	Arpajon					
1. 9.	" " "	"	5 km	1.20,15	224.578	139.5
	L.-Montlhéry		5 miles	2.09,29	224.056	139.2
<u>1937</u>	Giuseppe Furmanik, I	Maserati	k m	15,09	237.568	147.6
<u>3.6.</u>	Tassignano nr. Firenze	4 CM				
<u>1939</u>	Maj. A.T.G. Gardner, GB	MG-Magnette	k m	10,95	328.767	204.2
<u>2.6.</u>	RAB Dessau	Ex-135(1.15)	mile	17,66	328.065	203.9
<u>1957</u>	Stirling Moss, GB	M G	k m	9,1065	395.319	245.6
<u>23.8.</u>	Bonneville Salt Flats	Ex-179	mile	14,687	394.47	245.1

		S t a n d i n g		K i l o m e t r e		
<u>1 9 2 5</u>	C.M. Harvey, GB,Alvis	Brooklands	30.53	117.916	73.2	
1. 7.						
31. 8.	H.O.D. Segrave, GB, Talbot	"	30.05	119.8	74.4	
<u>1 9 2 6</u>	Albert Divo, F, Talbot	Arpajon	27.43	131.243		
5. 9.						
<u>1 9 2 8</u>	André Morel, F, Amilcar	Arpajon	26.92	133.729		
26. 8.						
<u>1 9 3 4</u>	Raymond Mays, GB, ERA	Brooklands	26.21	137.352		
28. 8.						
<u>1 9 3 7</u>	Giuseppe Furmanik, I, Maserati 4 CM	Porcari(Fi- renze-Mare)	24.935	144.346		
2. 6.						
<u>1 9 6 1</u>	Mickey Thompson, USA, Dragmaster-Pontiac	Riverside (Calif.)	24.4825	147.058		
9. 7.						
<u>1 9 6 7</u>	Leslie Turner, GB, Turner-Ford Dragster	Elvington Airfield	20.1	179.104		
19. 10.						

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The Hour

Date	Driver, Nation, Car	Circuit	km/h	m.p.h
<u>1909</u>	Georges Boillot, F, Lion- -Peugeot	Brooklands	110.52	68.67
<u>1920</u>	George Bedford, GB, Hillman	Brooklands	126.704	78.73
<u>1921</u>	W.H. Oates, GB, Lagonda	Brooklands	127.412	79.17
? .10.	H. Kensington Moir, GB, Aston Martin	Brooklands	138.742	86.21
	H.O.D. Segrave, GB, Darracq	Brooklands	142.701	88.67
? .12.	Kaye Don, GB, A C	Brooklands	152.405	94.7
<u>1922</u> 24. 11.	John A. Joyce, GB, A C	Brooklands	163.172	101.39
<u>1924</u> 17. 11.	John A. Joyce, GB, A C	Brooklands	167.678	104.19
<u>1925</u> 5. 10.	E.A.D. Eldridge, GB, Spec.	L.-Montlhéry	172.2	107.62
<u>1926</u> 30. 10.	J.G. Parry Thomas, GB, Thomas Spl.	Brooklands	181.492	112.77
<u>1927</u> 17. 5. 24. 10.	W. Douglas Hawkes, GB, Miller George E.Th.Eyston, GB, Bugatti	L.-Montlhéry Brooklands	182.49 185.972	113.34 115.56
<u>1930</u> 12. 8.	Mrs. Gwenda M. Stewart, GB, Derby-Miller	L.-Montlhéry	190.371	118.29
<u>1933</u> 11. 11.	Pierre Veyron, F, Bugatti	L.-Montlhéry	191.535	119.01
<u>1951</u> 20. 8. 21. 8.	Maj. A.T.G. Gardner, GB, MG-TD Ex-135 " "	Bonneville Salt Flats "	219.84 221.243	136.6 137.47
<u>1955</u> 9. 9.	Tony Bettenhausen, USA, Osca Spl.	Bonneville Salt Flats	230.26	143.08
<u>1956</u> 16. 8.	Kenneth Henry Miles, USA, M G Ex-179	Bonneville Salt Flats	247.806	153.38

2 4 H o u r s

Date	Drivers, Nation	Car	Circuit	Distance covered (km)	km/h
<u>1 9 2 3</u> 26./27.5.	de Pourtalès/de la Rochefoucauld, F	Bugatti	Le Mans	1 795.248	74.80
<u>1 9 2 4</u> 14./15.6.	Mario + Timo Danieli, I	O M	Monza	2 110.758	88.30
<u>1 9 2 6</u> 3./4.7.	T. George/de Grady, B	F N	Francorchamps	2 235	93.10
<u>1 9 2 8</u> 5./6.11.	Forrest/Douglas Hawkes, GB	Marendaz	Lincoln-Montlhéry	2 293.416	95.50
<u>1 9 3 0</u> 4./5.12.	W.B.Scott, T.E.Rose-Richards S.A.Payn, GB	Delage Gr.Pr.	L.-Montlhéry	2 583.607	107.60
<u>1 9 3 2</u> 25./26.10.	George E.Th.Eyston, Albert Denly, Edgar Maclure, GB	Riley	L.-Montlhéry	3 182.948	132.60
<u>1 9 3 5</u> 30./31.3.	Pierre Veyron, Roger Labric, Louis Villeneuve, F	Bugatti	L.-Montlhéry	3 550.936	147.90
<u>1 9 5 0</u> 19./20.8.	Adolphe Brudes, Auguste Momberger, Heinz Meier, D	Borgward Inka	L.-Montlhéry	3 648.051	152.00
<u>1 9 5 1</u> 29./30.9.	P.M.Mueller, Walter Gloeckler, Fritz v.Hanstein, D	Porsche Coupé	L.-Montlhéry	3 815.579	158.90

Records existed up to 142 days

Class E. 1.5 to 2 Litres

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Flying Start

Date	Driver, Nation, Car	Circuit	Dis- tance	Time (sec.)	km/h	m.p.h.
<u>1 9 1 2</u> ? . 4.	F. Burgess, GB, Calthorpe	Brooklands	km mile	33.89	106.217	66
? . 7.	Tuck, GB, Humber	Brooklands	km mile	30.64	117.482	73
<u>1 9 1 3</u> . 8.	W. O. Bentley, GB, D F P	Brooklands	km mile	27 43.65	133.333 132.127	82.81 82.1
<u>1 9 1 4</u> 12. 2.	W.O. Bentley, GB, DFP-Sport	Brooklands	km mile	25.06 41.05	143.655 140.1	89.26 87.05
<u>1 9 2 2</u>	Pietro Bordino, I Fiat 804 Gr.Pr.		k m	20	180	
<u>1 9 2 4</u>	Pietro Bordino, I Fiat 805 Gr.Pr.		k m	16.43	219.111	
9. 6.	Antonio Ascari, I Alfa-Romeo P 2	Cremona	10 km		195.016	
6. 7.	Pierre de Vizcaya, E, Bugatti	Arpajon	km mile	19.59	183.767 182.247	114.19 113.24
3. 9.	Dario Resta, I Sunbeam	Brooklands	km	19.58	183.835	121.11
<u>1 9 2 5</u> 11. 10.	Albert Divo, F, Delage	Arpajon	km mile	16.645 26.91	215.762 215.296	134.05 133.78
<u>1 9 2 6</u> 5. 9.	E.A.D. Eldridge, GB, Miller		km mile	16.055 26.42	224.229 219.242	139.33 136.20
<u>1 9 3 1</u> 7. 4.	Mrs. Gwenda Stewart, L.-Mont- GB, Derby-Miller(1.67) lhéry		5 km 5 miles 10 km mile	1:20 2:09.12 2:40.37	225 224.35 224.481	139.81 139.4 139.49 137.8
5. 4.						
<u>1 9 3 3</u> 19. 5. 2. 5.	Mrs.Gwenda Stewart, L.-Mont- GB,Derby-Miller(1.67) lhéry " " " "		km mile "	15.61 25.12	230.621 230.603 223.909	143.3 143.29 139.13
<u>1 9 3 4</u> 25. 7.	Mrs.Gwenda Stewart, L.-Mont- GB,Derby-Miller(1.67) lhéry		km mile	15.1359 24.3588	237.845 237.845	147.79 147.71
<u>1 9 4 8</u> 14. 9.	Maj. A.T.G. Gardner, GB, MG Ex-135/Jaguar	Ostende	km mile	12.655 20.73	284.214 279.48	176.66 173.60
<u>1 9 5 1</u> 20. 3.	Piero Taruffi, I, Italcorsa-Maserati (1.72)	Terracina -Roma	km mile	12.065 19.945	298.507 290.48	185.48 180.5
<u>1 9 5 9</u> 3. 10.	Philip Hill, USA, MG Ex-181 (1506)	Bonneville Salt Flats	km mile	8.7755 14.1415	410.237 409.7	254.9 254.6

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E . 1,5 to 2 Litres

Standing Kilometre

			sec.	km/h
<u>1925</u> 17.8.	J.G. Parry Thomas, GB, Thomas Spl. Brooklands (1847) <u>first class record in two directions</u>		34.56	104.166
" 11. 10.	Albert Divo, F, Delage 12 Zyl.*Dunlop	Arpajon	28.175	127.772
<u>1930</u> 19.10.	Prinz Ferdinand Liechtenstein, A, Bugatti	Tát	26.81	134.278
<u>1929</u> 25.8.	Eminente, F, Bugatti	Arpajon	27.925	128.916
<u>1934</u> 17.10.	Raymond Mays, GB, ERA*Dunlop	Brooklands	24.93	144.404
<u>1958</u> 25.10.	John Newton Cooper, GB, Cooper Climax*Dunlop	Bedford	22.94	156.877
<u>1965</u> 30.9.	Fritz v. Hanstein, D, Porsche *Dunlop	Hockenheim	22.212	162.074
" 11.12.	Klaus Steinmetz, D, Abarth 2000 OT *Dunlop	Monza	21.535	167.208
<u>1966</u> 15.12.	Hubert Hahne, D, Brabham BMW 4 Zyl. *Dunlop	Monza	19.98	180.18

Handwritten notes: 38.3 111.755
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The Hour

Date	Driver, Nation, Car	Circuit	km/h	m.p.h
<u>1 9 2 4</u> 11. 10.	Martin/Gros, F, Bignan	L.-Mont- lhéry	132.5	82.33
. 11.	Thomas Gillet, GB, AC Six	Brooklands	147.465	91.63
<u>1 9 2 5</u> 6. 1.	Pierre de Vizcaya, E, Bugatti	L.-Mont- lhéry	145.529	90.43
23. 2.	Henry O.D. Segrave, GB, Sunbeam	L.-Mont- lhéry	163.649	101.69
<u>1 9 2 6</u> 31. 12.	E.A.D. Eldridge, GB, Miller	L.-Mont- lhéry		
<u>1 9 2 7</u> 5. 7.	Mrs. Gwenda Stewart, GB, Miller	L.-Mont- lhéry	170.856	106.17
<u>1 9 2 8</u> 6. 6.	H.W. Purdy, GB, Lea-Fran- cis-Miller	Brooklands	178.042	110.63
8. 10.	Kaye Don, GB, Sunbeam	Brooklands	187.431	116.46
<u>1 9 3 1</u> 15. 10.	Mrs. Gwenda Stewart, GB, Derby-Miller (1.67)	L.-Mont- lhéry	195.942	121.75
<u>1 9 3 0</u> 30. 8.	Jack L. Dunfee, GB, Sunbeam	L.-Mont- lhéry	189.079	117.49
<u>1 9 4 8</u> 9. 11.	Luigi Chinetti, F, Ferrari	L.-Mont- lhéry	202.843	126.00
<u>1 9 5 6</u> 25. 6.	Piero Taruffi, I, Ital- corsa-Maserati (1.72)	Monza	212.518	132.00
15. 10.	Arthur Owen, GB, Cooper- Climax (1.53)	Monza	218.785	135.90
<u>1 9 5 9</u> 10. 3.	Richard v. Frankenberg, D, Porsche 718 RSK (1.59)	Monza	225.374	140.00
19. 11.	Arthur Owen, GB, Cooper- Climax	Monza	229.228	142.4
<u>1 9 6 7</u> 8. 10.	Tatsu Yokoyama, J, Nissan R-380 A II Coupé	Yatabe (Tokio)	250.98	155.9

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2 4 H o u r s

Date	Drivers, Nation	Car	Circuit	Distance covered (km)	km/h
<u>1 9 2 4</u> 14./15.6.	Cesare Schieppati/Ferretti I	Diatto	Monza	2 272.391	94.682
11./12.10.	Martin/Gros, F	Bignan	L.-Mont- lhéry	2 986.807	124.45
<u>1 9 2 5</u> 17./18.5	Sir Thomas Gillett, GB	A C	L.-Mont- lhéry	3 189.835	132.909
<u>1 9 3 4</u> 7./8.3.	George E.Th.Eyston/Albert Denly, GB	Hotchkiss 11 CV	L.-Mont-	3 773.733	157.239
<u>1 9 3 6</u> 21./22. 4.	Paul v. Guilleaume, Otto Loehr, Rudolf Sauerwein, Cte. Peter Orsich, Heckel, D	Adler Trumpf (1.7)	RAB Fran- fort-Hei- delberg	3 854.356	160.598
<u>1 9 5 9</u> 25./26. 7.	Gerry Boxall, William Brookes, John Cumming, John C. Denby etc., GB	Triumph TR 3 A	Monza	3 941.403	164.225
<u>1 9 6 6</u> 1./2.10.	Shiomi Hosoya, Mitsuo Tamu- ra, Sachio Fukazawa, Tomchi- ko Tutumi, Hirashi Fushida, J	Toyota 2000 GT coupé	Autodrome Yatabe-cho, Tsukuba-gun	4 949.566	206.232
<u>1 9 6 7</u> 31.10./ 1.11.	Joseph Siffert, Dieter Spoerry, G. Rico Steinemann, Charles Voegele, CH	Porsche 911 R Spec.	Monza	5 095.359	212.306

Class D . 2 to 3 Litres

Flying start

Date	Driver, Nation, Location	Car	Distance	Time	km/h	m.p
<u>1 9 1 2</u>	R.S. Witchell, GB Brooklands	Straker Squire(2.85)	k m mile	23,18 37,92	155.306 152.791	96. 94.
<u>1 9 1 3</u> 9. 10.	Jules Goux, F Brooklands	Peugeot	k m mile	21,14 34,17	170.248 169.524	105. 105.
<u>1 9 2 3</u> 4. 10.	Humphrey W. Cook, GB Brooklands	Vauxhall	mile 5 miles		173.311 165.843	107. 103.
<u>1 9 2 5</u> 6. 10.	Jack D. Barclay, GB Brooklands	"	k m mile 5 miles	20	180.0 178.267 177.962	111. 110. 110.
<u>1 9 2 7</u> 26. 4.	George E.Th. Eyston, GB Brooklands	Bugatti (2.26)	k m mile 5 km	19,09 31,63	188.58 183.16 180.633	117. 113. 112.
6. 8.	August Momberger, D Freiburg	"	k m	18,695	192.564	119.
<u>1 9 2 8</u> 25. 4.	Frank Lockhart, USA Daytona Beach (only one direction)	Stutz "Black Hawk"	mile	18,15	319.121	198.
31. 7.	Kaye Don, GB Brooklands	Bugatti (2.26)	k m mile	18,26 29,73	197.152 194.86	122. 121.
30. 7.	" " "	"	5 miles 10 miles		195.729 195.471	121. 121.
<u>1 9 2 9</u> 28. 3.	George E.Th. Eyston, GB Brooklands	"	5 km 5 miles 10 miles	1.29,78 2.24,75 4.50,83	200.49 200.122 199.205	124. 124. 123.
28. 9.	Conte Gastone Brilli- Peri, I Cremona	Alfa-Ro- meo P 2	10 km	2.41,2	223.325	138.
<u>1 9 3 0</u> 7. 6.	George E.Th. Eyston, GB Brooklands	Bugatti (2.26)	k m mile	18,16	198.237 195.536	123. 121.
19. 10.	László Hartmann, H Tát	"	k m mile	17,865 29,315	201.511 197.633	125. 122.
6. 12.	Jack L. Dunfee, GB L.-Montlhéry	Sunbeam	5 km 5 miles	1.28,08 2.21,9	204.36 204.145	126. 126.
<u>1 9 3 1</u> 14. 5.	László Hartmann, H Tát	Bugatti (2.26)	mile		198.722	123.
<u>1 9 3 2</u> 10. 3.	Albert Divo, F L.-Montlhéry	"	k m mile	16,34	220.318 211.179	136. 131.
<u>1 9 3 4</u> 29. 6.	Whitney Straight, GB Brooklands	Maserati 8 CM	k m mile	16,33	220.453 218.003	136. 135.
<u>1 9 3 6</u> 28. 1.	Giuseppe Furmanik, I Tassignano-Lucca	"	k m mile	14,42 23,31	249.653 248.547	155. 154.
<u>1 9 3 9</u> 9. 2.	Rudolf Caracciola, D RAB Dessau	Mercedes- Benz	k m mile	9,04 14,5	398.23 399.56	247. 248.
<u>1 9 6 7</u> 30. 10.	Fred Larsen, USA Bonneville	Cummins 115 D Chevrolet V 8	k m mile	8,105 13,086	444.16 442.73	275. 275.

S t a n d i n g		K i l o m e t r e		sec.	km/h
<u>1 9 2 5</u> 6. 10.	Jack D. Barclay, GB, Vauxhall	Brooklands		32.07	112.254
<u>1 9 2 7</u> 26. 4.	George E.Th. Eyston, GB, Bugatti (2.3)	Brooklands		31.26	115.163
<u>1 9 2 8</u> 30. 7.	Kaye Don, GB, Bu- gatti (2.3)	Brooklands		29.33	122.741
<u>1 9 3 0</u> 18. 10.	W.Y. Craig, GB, Bu- gatti (2.3)	Brooklands		27.85	129.264
<u>1 9 3 3</u> 26. 10.	Hans Ruesch, CH, Mase- rati 8 CM	Linac-Mont- lhéry		25.325	142.152
<u>1 9 3 6</u> 29. 1.	Giuseppe Furmanik, I, Maserati 8 CM	Lucca-Tas- signano		23.865	150.849
<u>1 9 3 9</u> 14. 2.	Rudolf Caracciola, D, Mercedes-Benz	RAB Dessau		20.29	177.427
<u>1 9 6 2</u> 15. 7.	Mickey Thompson, USA, Attempt I Pontiac	Riverside		19.96	180.36

S t a n d i n g		M i l e		sec.	km/h	m.p.h
<u>1 9 2 5</u> 6. 10.	Jack D. Barclay, GB Brooklands	Vauxhall		45.75	126.64	78.6
<u>1 9 2 7</u> 26. 4.	George E.Th. Eyston,GB Brooklands	Bugatti (2.26)		44.3	130.776	81.2
<u>1 9 2 8</u> 30. 7.	Kaye Don, GB Brooklands	"		42.28	137.02	85.1
<u>1 9 3 0</u> 18. 10.	W.Y. Craig, GB Brooklands	"			138.565	86.1
19. 10.	László Hartmann, H Tát	"		39.66	146.082	90.7
<u>1 9 3 3</u> 4. 8.	" " "	"			147.5	91.6
<u>1 9 3 5</u> 17. 10.	" " Gyon	Maserati 8 CM			153.108	96.1
<u>1 9 3 6</u> 29. 1.	Giuseppe Furmanik, I Lucca-Tassignano	"		35.0	165.532	102.8
<u>1 9 3 9</u> 8. 2.	Rudolf Caracciola, D RAB Dessau	Mercedes- Benz		28.32	204.577	127.1

D . 2 to 3 Liter

T h e H o u r

			k m		miles
<u>1912</u>	W.G. Scott, GB, Argyll (2.6)	Brooklands	125.996		78.2
<u>1924</u>	Kaye Don/A.G. Miller, GB, Wolseley	Brooklands	141.397		87.8
<u>1926</u> 2.8.	J.G. Parry Thomas, GB, Vauxhall	"	168.795		104.8
<u>1927</u> 16.7.	John Rh. Cobb, GB, Vauxhall	Brooklands	179.679		111.6
24.5.	George E.Th. Eyston, GB, Bugatti (2.3)	"	174.585		108.2
<u>1930</u> 23.11.	Jack L. Dunfee, GB, Sunbeam ^(GP) (2.2)	Montlhéry	188.569		117.1
<u>1932</u> 12.3.	Albert Divo, F, Bugatti ^{60.23x99.8x8} (2 274)	Montlhéry	200.653		124.6
<u>1940</u> 30.7.	George Barringer, USA, Miller Spl.	Bonneville	241.8		150.2
<u>1954</u> 24.8.	Donald M. Healey, GB, Austin-Healey (2.66)	Bonneville	252.624		156.9

2 4 H o u r s

Date	Drivers, Nations	Car	Circuit	Distance covered (km)	km/h
<u>1 9 2 3</u> 26./27.5.	André Lagache/René Léonard, F	Chenard & Walcker	Le Mans	2 209.536	92.064
<u>1 9 2 4</u> 14./15.6.	Christian Riecken/Hans Berthold, D	N A G (2.6)	Monza	2 582.742	107.612
<u>1 9 2 5</u> 1./22.9.	John Duff/ Woolf Barnato, GB	Bentley	L.-Mont- lhéry	3 670.329	152.93
<u>1 9 3 1</u> 28./29.11.	Goffredo Zehender, Luigi Chinetti, Pesato, I	Alfa-Ro- meo 8 C 2300	L.-Mont- lhéry	3 703,489	154.312
<u>1 9 3 4</u> 7./8.4.	César Marchand, Raphael Fortin, Louis Leroy de Présalé, Robert Bodecot, C.Duvivier, F.Barbier, F	Citroën Spl.Yacco	L.-Mont- lhéry	3 791.541	157.981
<u>1 9 5 3</u> 15./16.9.	Donald M. Healey, George E.Th.Eyston, Jackie Cooper, John Gordon-Benett, Roy Jackson-Moore, GB	Austin- Healey 100 (2.66)	Bonne- ville Salt Flats	4 028.47	167.851
<u>1 9 5 4</u> 23./24.8.	Donald M. Healey, George E.Th.Eyston, Carroll Shelby, Mortimer Morris- Goodall, Roy Jackson-Moore, GB/USA	Austin- Healey 100 S (2669)	Bonne- ville	5 109.655	212.902
<u>1 9 8 3</u> 12./13.8.	Guido Moch, Erich Waxen- berger etc., D	Mercedes -Benz 190 E 2.3-16	Nardò	5 921.128	246.714

Records existed up to 54 days

Class C . 3 to 5 Litres

Flying start

Date	Driver, Nation Location	Car	Dis- tance	Time	km/h	m.p.h.
<u>1 9 1 2</u>	Percy Lambert, GB Brooklands	Talbot (4.53)	k m mile	19,83 32,22	181.543 179.812	112.81 111.73
<u>1 9 2 0</u> 27. 4.	Tommy Milton, USA Ormonde Beach (only one direction)	Duesenberg (583.8 c.u.)	mile		251.068	156.01
<u>1 9 2 2</u> 20. 5.	H.O.D. Segrave, GB Brooklands	Sunbeam	k m 5 miles		185.075 182.114	115 113.16
22. 11.	Count Louis V. Zbo- rowski, GB Brooklds.	Ballot (4.8)	k m mile 5 miles 10 miles	18,61 5.11,49	193.444 191.078 186.749 183.395	120.2 118.73 116.04 115.57
<u>1 9 2 5</u> ? 10.	Leon Cushman, GB Brooklands	Crossley	k m mile	20	180 177.028	111.85 110
? 10.	R.B. Howey, GB Brooklands	Ballot	5 km		188.294	117
<u>1 9 2 8</u> 24. 5.	Kaye Don, GB Brooklands	Sunbeam V 12 (4.0)	k m mile	16,4 27,02	219.512 214.413	136.39 133.23
<u>1 9 2 9</u> 1. 7.	" " "	"	k m mile	15,87 26,28	226.843 220.448	140.95 136.98
28. 9.	Mario Umberto Borzacchini, I Cremona	Maserati 16 cyl.	10 km	2.21,3	246.069	152.9
<u>1 9 3 2</u> 16. 5.	H.W. Stubblefield, Muroc Dry Lake	Gilmore Spl.	mile		237.153	147.36
<u>1 9 3 3</u> 9. 3.	Harry Hartz, USA Muroc Dry Lake	Union 76 Spl.	k m mile	14,933 23,6685	239.314 243.174	148.7 151.1
<u>1 9 3 4</u> 8. 10.	Rudolf Caracciola, D Gyon	Mercedes- Benz (3.71)	k m mile	11,335 18,295	317.6 316.678	197.35 196.77
<u>1 9 3 5</u> 15. 2.	Hans Stuck, D Tassignano-Lucca	Auto Union	mile "	18,20 18,09	318.331 320.267	197.8 199.0
<u>1 9 3 7</u> 25. 10.	Bernd Rosemeyer, D RAB Frankfort	"	k m mile	10,445 16,835	344.662 344.142	214.16 213.84
" "	" " "	"	k m mile	10,225 16,4	352.078 353.27	218.77 219.5
<u>1 9 5 2</u> 13. 9.	George Hill, USA Bonneville Salt	Bob Estes-Mer- cury (3.95)	k m mile	9,85 15,66	363.634 369.679	225.95 229.71
<u>1 9 5 3</u> 9. 9.	Malcolm Hooper, USA Bonneville Salt	Shadoff Spl.- Chrysler Plym.	k m mile	9,48 15,23	378.623 380.377	235.26 236.35
<u>1 9 6 0</u> 3. 8.	Bob Owen, USA Bonneville Salt	" (3.77)	k m mile	8,8775 14,273	405.52 405.9	251.98 252.21
<u>1 9 6 3</u> 23. 10.	Bob Summers, USA Bonneville Salt	Summers Bros. Spl.	k m mile	7,88 12,87	456.853 450.2	283.87 279.74
<u>1 9 6 5</u> 8. 11.	Robert Herda, USA Bonneville Salt	Herda Spl.- Chrysler	k m mile	7,51 12,066	479.361 480.163	297.86 298.36

S t a n d i n g K i l o m e t r e

<u>1 9 2 2</u> 17. 5.	Kenelm Lee Guinness, GB, Sunbeam V 12 (3.98)	Brooklands	26.735	134.655
<u>1 9 2 9</u> 1. 7.	Kaye Don, GB, Sunbeam V 12 (3.98)	Brooklands	26.14	137.719
<u>1 9 3 4</u> 26. 3.	Hans Ruesch, CH, Masera- ti 6 CM (3.73)	Linas- Montlhéry	25.17	143.027
20. 10.	Hans Stuck, D, Auto- Union (4324)	Avus	22.025	163.451
<u>1 9 3 7</u> 27. 10.	Bernd Rosemeyer, D, Auto-Union	RAB Frank- fort	21.2	169.811
<u>1 9 5 8</u> 2. 2.	Edward Cartopassi, USA Glas-Slipper/Chevrolet	Riverside	19.213	187.373

S t a n d i n g M i l e

			sec.	km/h	m.p.h.
<u>1 9 2 5</u> 2. 10.	Leon Cushman, GB Brooklands	Crossley (3.7)		113.861	70.75
26. 10.	R.B. Howey, GB "	Ballot		121.409	75.44
<u>1 9 2 6</u> 28. 5.	Capt. Alistair G. Miller, GB Brooklands	Sunbeam		125.835	78.19
15. 6.	R.B. Howey, GB "	Ballot		129.375	80.39
<u>1 9 2 8</u> 24. 5.	Kaye Don, GB Brooklands	Sunbeam	39.95	145.018	90.11
<u>1 9 2 9</u> 1. 7.	" " "	"	35.72	162.174	100.77
<u>1 9 3 4</u> 20. 10.	Hans Stuck, D, Avus	Auto Union	30.835	187.891	116.75
30. 10.	Rudolf Caracciola, D Gyon	Mercedes- Benz(3.7)	30.71	188.656	117.23
<u>1 9 3 7</u> 25. 10.	Bernd Rosemeyer, D RAB Frankfort	Auto Union	29.04	199.504	123.97
26. 10.	" " "	"	28.74	201.587	125.26
<u>1 9 6 1</u> 9. 7.	Mickey Thompson, USA Riverside/Calif.	Assault I Pontiac(4.68)	25.913	223.6	138.94

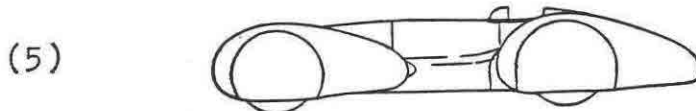
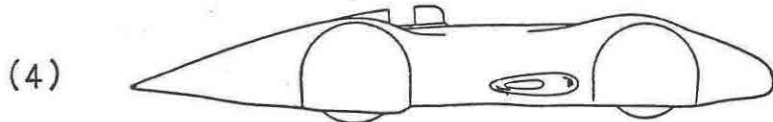
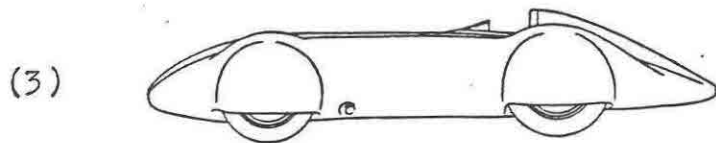
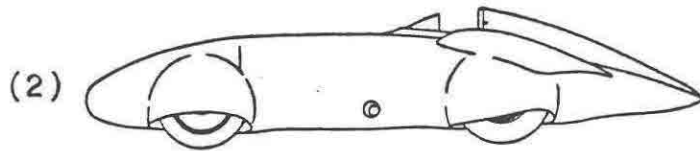
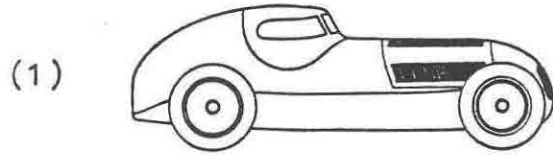
T h e H o u r

			k m	miles
<u>1913</u> 9.2.	Percy Lambert, GB, Talbot (4.53)	Brooklands	165.76	103.0
<u>1925</u> 26.6.	Charles Ortman, F, Panhard Sport 20 CV ^{700x140x4} 4.84	Montlhéry	168.2	104.51
31.8.	// //	Montlhéry	185.736	115.41
<u>1929</u> 23.9.	² Voisin			
	Kaye Don, GB, Sunbeam 12 cyl.(4.0)	Brooklands	194.402	120.8
<u>1933</u> 5.5.	George E.T. Eyston, GB, Bugatti	Montlhéry	197.971	123.01
	Graf St. Czaykowski, F, Bugatti	Avus	213.839	132.87
<u>1934</u> 6.3.	Hans Stuck, D, Auto Union (4.36)	Avus	217.106	134.9
<u>1936</u> 26.9.	Robert Benoist, F, Bugatti (3.3)	Montlhéry	217.941	135.42
<u>1957</u> 12.4.	Ian Bruce Baillie, GB, Jaguar D (3.4)	Monza	226.376	140.66
<u>1962</u> 18.9.	Mickey Thompson, USA, Harvey Alum.	Bonneville	273.651	170.04

2 4 H o u r s

Date	Drivers, Nation	Car	Circuit	Distance covered (km)	km/h
<u>1 9 2 4</u> 14./15.6.	Henri Stoffel/Edouard Brisson, F	Lorraine (3.45)	Le Mans	2 061.41	85.892
<u>1 9 2 5</u> 20./21.6.	Henri de Courcelles/André Rossignol, F	Lorraine (3.47)	Le Mans	2 233.982	93.082
<u>1 9 2 6</u> 12./13.6.	Robert Bloch/André Rossig- nol, F	Lorraine (3.45)	Le Mans	2 552.414	106.351
11./12.9.	André Boillot/Tattini, F/I	Peugeot (4.0)	Monza	2 614.739	108.947
<u>1 9 2 9</u> 16./17.3.	E.A.D. Eldridge, Kaye Don, GB	Chrysler IM (4.1)	L.-Mont- lhéry	2 750	116.482
6./7.6.	Mrs. V.A. Bruce, GB	Bentley (4.5)	L.-Mont- lhéry	3 459.73	144.155
<u>1 9 3 0</u> 22./23.11.	Dudley Froy, G.H. Field, Capt. Richard Norton, GB	Bentley (4.5)	L.-Mont- lhéry	3 516.571	146.523
<u>1 9 3 1</u>	Dudley Froy, Mrs. Gwenda Stewart, Hon. Richard Norton, C.E. Raphael, GB	Bentley (4.5)	L.-Mont- lhéry	3 608.285	150.345
II	Robert Sénéchal / Ferret, F	Delage DBS	L.-Mont- lhéry	4 171.44	173.81
<u>1 9 3 4</u> 8./9.5.	Albert Perrot, M. Dhôme, Armand Girod, F	Delahaye (3227)	L.-Mont- lhéry	4 300.824	179.201
<u>1 9 3 6</u> 19./20.11.	J.P. Wimille, Pierre Veyron, W. Williams, F	Bugatti (3.3)	L.-Mont- lhéry	4 786.686	199.445
<u>1 9 6 3</u> 12./13.10.	Iggy, James & Ronald Katona, USA	Ford 64 Comet (4.7)	Daytona	4 858.28	202.428
<u>1 9 6 8</u> 4./5.2.	Craig & Lee Breedlove, Ron Dykes, USA	American Motors AMX II	San Angelo, Texas	5 436.637	226.527
17./18.9.	Mickey Thompson/Dan Ongais, USA	Ford Mustang	Bonne- ville Salt Flats	6 088.911	253.705

Records existed up to 40 days



R e c o r d C a r s by MERCEDES-BENZ

- (1) 8 cyl. flying and standing start, Gyon/H and Avus Berlin, 1934
- (2) V-12, 5.58 litres, 580 b.h.p., flying start, RAB Frankfort, 1936
- (3) V-12, 5.58 litres, 736 b.h.p., flying start, RAB Frankfort, 1938
- (4) V-12, 60⁰, 2.96 litres, 485 b.h.p., flying start, RAB Dessau, 1939
- (5) same, standing start, 1939

Class B . 5 to 8 Litres

Flying start

<u>1913</u>	Jules Goux, F, Peugeot (7.6), Brooklands	km	20,79	107.6
		mile	33,87	106.29
<u>1923</u> 18.3.	René Thomas, F, Delage (5.1) Eaux-Mortes/CH	km	21,3	169.014
<u>1924</u> 26.6.	J.G. Parry Thomas, GB, Leyland Spl. Brooklands	Meile		129.73
<u>1925</u> 1.7.	J.G. Parry Thomas, GB, Leyland Spl. Brooklands	km	16,98	131.74 212.014
		Meile	27,62	130.34
<u>1926</u> 12.10.	Marius Breton, F, Panhard & Levassor Montlhéry	5 km	1.19,98	225.056
<u>19.9.</u>	" " " " " "	5 Mln.	2.9,7	138.78
		10 km	2.40,98	223.63
<u>1930</u> 24.8.	Michel Doré, F, Panhard 35 CV lop Arpajon	*Dun- km	16,155	222.841
		Meile	26,16	221.468 137.61
<u>1935</u> 30.6.	D. A. Jenkins, USA, Duesenberg Spl.*Fire- stone Bonneville Salt Flats	5 km	1.19,0117	227.814
		5 miles	2.07,7067	226.833
		10 km	2.38,9633	226.735
		10 miles	4.13,29	228.735
<u>1935</u> 15.6.	Tazio Nuvolari, I, Alfa-Romeo Bimotore (6.315.6)*Dunlop Viar.-Lucca 70.89x100x8x2	km	11,2	321.429
		Meile	17,093	323.215 200.78
<u>1936</u> 26.10.	Rudolf Caracciola, D, Mercedes-Benz(5.58) 12 Zyl.*Continental RAB Frankfort	km	9,88	364.372
		Meile	15,785	367.346 228.0
<u>1937</u> 16.6.	Bernd Rosemeyer, D, Auto Union (6.5) *Continental RAB Frankfort	km	9,245	389.31
<u>15.10.</u>	" " " " " "	Meile	14,865	389.837
		km	8,86	406.32
		Meile	14,26	406.285 252.5
<u>1938</u> 28.1.	Rudolf Caracciola, D, Mercedes-Benz(5.58) 12 Zyl.*Continental RAB Frankfort	km	8,32	432.692
		Meile	13,4	432.4 268.7
<u>1960</u> 3.8.	Bob Owen, USA, Shadoff Spl. (7.62) Bonneville Salt Flats	km	8,203	438.9
		Meile	13,154	440.4
<u>1965</u> 24.10.	Robert Herda, USA, Herda-Chrysler(7.57) *Firestone Bonneville Salt	km	6,782	530.817
		Meile	10,946	529.293
<u>1964</u> 4.10.	Robert Herda, USA, Herda-Chrysler (7.3) Bonneville Salt	km	7,164	502.51
		Meile	11,575	500.5
<u>1967</u> 2.11.	Robert Herda, USA, Autolite 999 (7.66) Bonneville Salt	km	6,457	557.58
		Meile	10,412	556.44

B. 5 to 8 Litres

S t a n d i n g K i l o m e t r e

Date	Driver, Nation;	Car	Location	Time (sec)	km/h
<u>1925</u> 1.7.	J.G. Parry Thomas, GB,	Leyland Spl.	Brooklands	29.14	123.541
<u>1926</u> 15.6.	J.G. Parry Thomas, GB,	Leyland Spl.	Brooklands	28.92	124.481
<u>1930</u> 4.8.	Michel Doré, F,	Panhard 35 CV	Arpajon	28.745	125.239
<u>1937</u> 27.5.	Forrest Lycett, GB,	Bentley	Brooklands	27.445	131.162
// 26.10.	Bernd Rosemeyer, D,	Auto Union (6.5) *Conti	RAB Frank- fort	19.08	188.679
9.6.	Hans Stuck, D,	Auto Union (6.0)	Petropolis/ BR	21.05	171.021
<u>1958</u> 2.2.	Calvin Rice, USA,	Hot Rod Chrysler (5 607)*Firestone	Riverside, Calif.	18.105	198.846
<u>1960</u> 14.5.	Mickey Thompson, USA,	Assault ^{VI} Pontiac Tempest (6806)*Goodyear*Champ.	Riverside, Calif.	16.855	213.589

B . 5 to 8 Litres

The Hour

Date	Driver, Nation, Car	Circuit	Distance (km)
<u>1907</u> 28.6.	Selwyn Francis Edge, GB, Napier 60 HP (7.72)*Dunlop	Brooklands	112.767
<u>1908</u>	Frank Newton, GB, Napier 90 HP (7.72)	Brooklands	136.765
<u>1912</u> 2.10.	Dario Resta, , Sunbeam 25/30 HP(6.1)	Brooklands	148.784
<u>1913</u> 12.4.	Jules Goux, F, Peugeot (7.6) <i>106 miles, 387 kph</i>	Brooklands	170.588
<u>1924</u> 17.11.	J.G. Parry Thomas, GB, Leyland Spl. (7 266) *Rapson	Brooklands	175.564
<u>1925</u> 14.7.	J.G. Parry Thomas, GB, Leyland Spl. (7 266) *Dunlop	Brooklands	178.144
<u>1926</u> 9.3.	Charles Ortman, F, Panhard SP 35 CV *Michelin	Montlhéry	193.507
21.10.	J.G. Parry Thomas, GB, Leyland Spl.	Brooklands	195.925
<u>1927</u> 27.5.	César Marchand, F, Voisin *Dunlop	Montlhéry	206.558
<u>1932</u> 6.4.	George E.T. Eyston, GB, Panhard *Dunlop	Montlhéry	210.392
<u>1934</u> 4.2.	George E.T. Eyston, GB, Panhard *Dunlop-Castrol	Montlhéry	214.064
16.8.	David Abbot Jenkins, USA, Duesenberg	Bonneville	213.456
<u>1935</u> 2.7.	David Abbot Jenkins, USA, Duesenberg Spl.	Bonneville	230.826
6.8.	" " "	Bonneville	244.855
<u>1962</u> 2.10.	Fred Lorenzen, USA, Holman & Moody Spl.	Bonneville	268.734
<u>1967</u> 24.10.	Bunkie Blackburn, USA, Chevrolet Camaro (6 645)	Bonneville	272.038
<u>1968</u> 17.9.	Mickey Thompson, USA, Ford Mustang (6 987)	Bonneville	284.27

2 4 H o u r s

				km covered	km/h
<u>1 9 0 7</u> 28./29.6.	Selwyn Francis Edge, GB <u>world record</u>	Napier (7.72)	Brook- lands	2 551.511	106.313
<u>1 9 2 8</u> 11./12.11.	Ralph Hepburn, Abbot Jenkins, Russell Snowberger, Louis Meyer, MacDonaugh, USA	Studeba- ker Pre- sident (5747)	Atlantic City	3 290.829	137.118
<u>1 9 2 9</u> 23./24.12.	D.M.K. Marendaz, A.A.G. Tulloch, L.B. Veendam, GB	Graham- Paige	L.-Mont- lhéry	3 335.297	138.971
<u>1 9 3 3</u> 6./7.8.	David Abbot Jenkins, USA <u>world record</u>	Pierce Arrow (7.5)	Bonneville Salt Flats	4 550.754	189.615

Continuation see WORLD RECORDS

Reciprocating piston engines, Diesel combustion

Irrespective of engine capacity (1935-63)

Flying start

				Time	km/h
<u>1 9 3 0</u> 29. 3.	Clessie L. Cummins, USA, Packard-Cummins (6.3)	Daytona Beach	5 miles		129.4
<u>1 9 3 1</u> 7. 2.	" "	"	mile		162.106
<u>1 9 3 3</u> 27. 10.	George E.Th. Eyston, GB, Van den Plas/AEC (8.85)	Brooklands	km	21.48	167.597
<u>1 9 3 4</u> ? 3.	" "	Linas -Mont- lhéry	10 km		193.611
<u>1 9 3 5</u> 15. 2.	David Evans, USA, Hamp- hill Schools/Waukesha Silver Comet 6	Daytona Beach	mile		200.104
1. 3.	Bill Cummings, USA, Cummins 280 bHP	"	mile		219.502
2. 3.	" " "	"	mile		220.849
<u>1 9 3 6</u> 29. 4.	George E.Th. Eyston, GB, The Flying Spray/RR Kes- trel/Ricardo (1945)	Bonneville Salt Flats	km mile	14.06 22.66	256.046 255.676
<u>1 9 5 0</u> 11. 9.	Jimmy Jackson, USA, Kur- tis Kraft/Cummins (6.57)	" "	km mile 5 km	13.65 21.78 68.09	263.736 265.9 264.3
<u>1 9 5 3</u> 11. 9.	Dana Fuller Jun., USA, Herbert Beast III/GMC (6974)	" "	km mile	13.23 21.26	272.108 272.5
<u>1 9 7 1</u> ? 11.	Corsair 671 (7.0)	" "	5 miles		337.748
<u>1 9 7 2</u> 24. 8.	Virgil Will. Snyder, USA, Thermo King-Wynn's/Cor- sair 671 (7.0)	" "	km mile	11.152 17.88	322.812 324.027
<u>1 9 7 3</u> 25. 8.	" " "	" "	mile	15.27	379.331

The AIACR/CSI introduced cars with Diesel engines in May, 1935, as an international record class irrespective of engine size. The trials on speed initiated in 1930 in the USA, mainly by the Diesel-engine producer Cummins. Britain came in 1933. This class achieved an important part in the development of this engine to run on high piston speed and to work with efficient combustion methods. Remember the names Cummins, AEC, Waukesha and the great Harry R. Ricardo (1885-1974).

S t a n d i n g K i l o m e t r e		sec.	km/h
<u>1 9 3 9</u> 8. 2.	Karl Haeberle, D, Hanomag AB Dessau (2.3)	41.44	86.872
<u>1 9 5 9</u> 25. 11.	Leopold v. Zedlitz, D, Hockenheim Mercedes-Benz 190 SL (2.01)	41.31	87.145
<u>1 9 6 1</u> 27. 11.	Walter Assenheimer, D, Hockenheim Mercedes-Benz 190 D Spl.(1.9) (1.9)*Metzeler	36.51	98.603
<u>1 9 7 0</u> 3. 10.	Miss Patsy Burt, GB, Merce- Elvington des-Benz 220 D (2.2)*Miche- Airfield lin	33.815	106.46
<u>1 9 7 2</u> 3. 6.	Mlle. Marie Claude Beaumont, Duden- F, Opel GT Spyder (2.1) hofen	31.713	113.528
<u>1 9 7 5</u> 28. 10.	Fritz B. Busch, D, Dieselstar Ehra-Lessien /Mercedes-Benz 5 cyl.turbo(3.0)	26.448	136.116

T h e H o u r

			km
<u>1 9 3 5</u> 9. 10.	R.J. Munday, GB, Thomas Spl/ /Perkins (2.74)*Dunlop	Brooklands	142.018
<u>1 9 3 6</u> 4. 1.	George E.Th. Eyston, GB, Chrys- ler-Van den Plas coupé/AEC Spl. (9.09)*Dunlop	Linas- Montlhéry	165.786
<u>1 9 3 7</u> 27. 4.	" " " "	"	169.942
<u>1 9 4 9</u> 5. 2.	Fernand Iacour, F, M A P 2 stroke (4.96)*Dunlop	Linas- Montlhéry	182.637
<u>1 9 7 2</u> 1. 6.	Joachim Springer, D, Opel GT Spyder (2.1)*Michelin	Duden- hofen	195.972
<u>1 9 7 6</u> 12. 6.	Joachim Kaden, D, Mercedes- Benz C 111-II/OM 617 a(3.0) *Michelin	Nardò nr. Brindisi	254.856
<u>1 9 7 8</u> 1. 5.	Dr. Hans Liebold, D, Mercedes- Benz C 111-III turbo*Dunlop	"	321.843
<u>1 9 8 0</u> 19. 10.	Helmut Henzler, D, ARVW (2.38) (2.38)*Pirelli	"	353.88

2 4 H o u r s

			km	km/h
<u>1 9 3 6</u> 14./15.2.	George E.Th. Eyston/Albert W. Denly, GB, Chrysler-Van den Plas coupé/AEC Spl. (9.09)*Dunlop	Linas- Montlhéry	3 668.911	152.871
<u>1 9 3 7</u> 28./29.4.	" " " "	"	3 748.461	156.186
<u>1 9 6 5</u> 4./5.6.	Charles Besnardière, Jean Gérard, Roger de Lageneste, Georges Tche- kemian, du Ginestoux, F, Peugeot 404 Spyder Coupé/Indenor (2.16)	Linas- Montlhéry	3 878.177	161.591
" " " "	" " (1.95)* Michelin	"	3 881.885	161.745
<u>1 9 5 3</u> 2./3.5.	Hans Karl Schaeufele, Max Nathan, Jules Poch, Adolf Brudes, Hans-Hugo Hartmann, Edmond Mouche, D/F, Borgward (1.76)*Continental	Linas- Montlhéry	3 344.541	139.356
<u>1 9 7 2</u> 1./2.6.	Joachim Springer, Henri Greder, Sylvia Oesterberg, Marie Claude Beaumont, Paul Frère, Giorgio Pianta, D/F/B/I/S, Opel GT (2.1)	Duden- hofen	4 625.224	192.718
<u>1 9 7 6</u> 12./13.6.	Joachim Kaden, Dr. Hans Liebold, Guido Moch, Erich Waxenberger, D, Mercedes-Benz C 111-II/OM 617a *Michelin	Nardò nr. Brindisi	6 072.72	253.03

1 0 0 0 0 0 k m

			Time	km/h
<u>1 9 3 7</u> 22.-31.7.	César Marchand,Brilhaut,Cache, Combeau,Delaroche,Duvivier,Flam- bard,Gigot,Pouderoux,Belenfant, Fenouillet, F, Yacco Spéc.(1.77)	Linas- Montlhéry	88:43.46,3	112.701
<u>1 9 6 5</u> 11.-14.6.	Charles Besnadière,Jean Gérard, Roger de Lageneste,Georges Tche- kemian, du Ginestoux, F, Peugeot 404 Spider Coupé/Indenor J 7 (1.95)*Michelin	Linas- Montlhéry	61:55.23,19	161.49
<u>1 9 7 2</u> 1.-3.6.	Joachim Springer,Henri Greder, Sylvia Oesterberg,Marie Claude Beaumont,Paul Frère,Giogio Pian- ta, D/F/B/I/S, Opel GT Spyder (2.07)*Michelin	Duden- hofen	52:23.13,665	190.88
<u>1 9 7 6</u> 12.-14.6.	Joachim Kaden, Dr.Hans Liebold, Guido Moch,Erich Waxenberger, D, Mercedes-Benz C 111-II/OM 617a (3.0)	Nardò nr.Brin- disi	39:38.36,1	252.249

Class D . 2 to 3 Litres
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F l y i n g s t a r t

				Time	km/h
<u>1 9 3 5</u> 9. 10.	Reginald J. Munday, GB, Thomas Spl./Perkins (2.74)	Brooklands	km	23.62	152.413
<u>1 9 3 9</u> 9. 2.	Karl Haeberle, D, Hanomag Coupé (2.3)*Continental	RAB Dessau	5 km 5 miles	1.55,43 3.06,35	155.954 155.45
<u>1 9 5 9</u> 25.11.	Max Nathan, D, Mercedes-Benz 190 SL/D (2007)*Continental	Hockenheim	mile	42.96	134.9
<u>1 9 6 1</u> 28. 3.	Walter Assenheimer, D, Mercedes-Benz 190 D Spl.*Metzeler	Hockenheim	mile	39.45	146.8
<u>1 9 7 0</u> 3. 10.	Miss Patsy Melly Burt, GB, Mercedes-Benz 220 D turbo (2.19)*Michelin	Elvington Airfield	km mile	21.615 36.095	166.55 160.52
<u>1 9 7 2</u> 1. 6.	Joachim Springer, D, Opel GT Spider (2068)*Michelin	Duden- hofen	mile	29.589	195.8
1. 6.	Mlle. Marie-Claude Beaumont,	"	km	18.411	195.535
3. 6.	F, Opel GT (2068)*Michelin	"	"	18.228	197.498
<u>1 9 7 4</u> 24. 8.	Virgil William Snyder, USA, Thermo-King, Corsair II/Isuzu (2467)	Bonneville Salt Flats	km mile	15.646 25.234	230.09 229.595
<u>1 9 7 5</u> 16.11.	Fritz B. Busch, D, Dieselstar/Mercedes-Benz 5 cyl. turbo*Pirelli	Ehra- Lessien	km mile	14.439 23.25	249.324 249.188
19. 8.	Virgil William Snyder, USA, Thermo-King/Isuzu	Bonneville Salt Flats	km mile	11.7 18.943	307.692 305.843
<u>1 9 8 0</u> 2. 11.	Adolf Beier, D, A R-V W (2.38)*Pirelli	Nardò nr. Brindisi	km	10.45	344.497
" "	Helmut Henzler, D, "	"	mile	16.74	346.09

S t a n d i n g K i l o m e t r e

			sec.	km/h
<u>1 9 3 9</u> 8. 2.	Karl Haeberle, D, Hanomag Coupé (2.3)*Continental	RAB Dessau	41.44	86.872
<u>1 9 5 9</u> 25. 11.	Leopold Frhr.v.Zedlitz-Leipe, D, Mercedes-Benz 190 SL/D (2007)*Continental	Hockenheim	41.31	87.145
<u>1 9 7 0</u> 3. 10.	Miss Patsy Melly Burt, GB, Mercedes-Benz 220 D turbo (2.19)*Michelin	Elvington Airfield	33.815	106.461
<u>1 9 7 2</u> 3. 6.	Mlle. Marie-Claude Beaumont, F, Opel GT Spider (2068)*Mi- chelin	Duden- hofen	31.713	113.528
<u>1 9 7 5</u> 28. 10.	Fritz B. Busch, D, Dieselstar /Mercedes-Benz 5 cyl. turbo *Pirelli	Ehra- lessien	26.448	136.116

T h e H o u r

			km
<u>1 9 3 5</u> 9. 10.	Reginald J. Munday, GB, Thomas Spl./Perkins (2.74)	Brooklands	142.018
<u>1 9 6 1</u> 27. 3.	Hans Klinken, D, Mercedes-Benz 190 SL Spider (2034) *Metzeler	Monza	154.387
<u>1 9 6 5</u> 4. 6.	Charles Besnardière, F, Peugeot 404 Spider Coupé /Indenor J 7 (2163)*Michelin	Linas-Montlhéry	162.563
<u>1 9 7 2</u> 1. 6.	Joachim Springer, D, Opel GT Spider (2068)*Michelin	Dudenhofen	195.972
<u>1 9 7 6</u> 12. 6.	Joachim Kaden, D, Mercedes-Benz C 111-II/OM 617a turbo	Nardò nr. Brindisi	254.856
<u>1 9 7 8</u> 1. 5.	Dr. Hans Liebold, D, Mercedes-Benz C 111-III turbo	"	321.843
<u>1 9 8 0</u> 18. 10.	Helmut Henzler, D, AR-VW (2.38)*Pirelli	"	353.41

2 4 H o u r s

			km	km/h
<u>1 9 5 8</u> 10./11.12.	Rudi Golderer, Max Nathan, Leopold Frhr.v.Zedlitz-Leipe, Emil Brezing, Eberhard Mahle, D, Mercedes-Benz 190 Spl. (2.04)*Continental	Hocken- heim	2 604.27	108.511
<u>1 9 5 9</u> 25./26.11.	Max Nathan, Leopold Frhr.v. Zedlitz-Leipe, Otto Gastell, Helmut Kögel, D, Mercedes- Benz 190 SL/D (2007)*Conti	Höcken- heim	2 977.316	124.055
<u>1 9 6 1</u> 27./28.3.	Hans Klinken, Hans-Horst Höl- der, Rolf Rink, Walter As- senheimer, D, Mercedes-Benz 190 SL Spider (2034)*Metzeler	Monza	3 675.065	153.128
<u>1 9 6 5</u> 4./5.6.	Charles Besnardière, Jean Gérard, Roger de Lageneste, Georges Tchekemian, du, Gines- toux, F, Peugeot 404 Spider Coupe/Indenor (2.16)*Michelin	Linas- Montlhéry	3 878.177	161.591
<u>1 9 7 2</u> 1./2.6.	Joachim Springer, Henri Greder, Sylvia Oesterberg, Marie-Claude Beaumont, Paul Frère, Giorgio Pianta, D/F/B/I/S, Opel GT Spider (2068)*Michelin	Duden- hofen	4 625.224	192.718
<u>1 9 7 6</u> 12./13.6.	Joachim Kaden, Dr. Hans Liebold, Guido Moch, Erich Waxenberger, D, Mercedes-Benz C 111-II/OM 617a*Michelin	Nardo nr. Brindisi	6 072.72	253.03

Class E . 1.5 to 2 Litres
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F l y i n g s t a r t

			Time	km/h
<u>1 9 5 8</u> 12. 12.	Max Nathan, D, Mercedes -Benz 190 D*Continental	Hocken- heim	km 30.3 mile 49 5 km 2.37,66	118.811 118.2 114.2
<u>1 9 5 9</u> 25. 11.	Max Nathan, D, Mercedes- -Benz 190 D*Continental Helmut Koegel, D, id.	" "	km 29.24 mile 46.915 5 km 2.25,535	123.119 123.4 123,7
<u>1 9 6 1</u> 27. 11.	Walter Assenheimer, D, Mercedes-Benz 190 D Spl. *Metzeler Hans-Horst Hoelder,D, id.	" "	km 24.01 mile 38.46 5 km 2.06,57	149.937 150.63 142.2
<u>1 9 7 3</u> 25. 8.	Virgil William Snyder,USA, Thermo-King/Corsair	Bonneville Salt Flats	mile 31.08	186.778
<u>1 9 7 5</u> 15.5.+22.8.	Virgil William Snyder, USA, Thermo-King/Isuzu	" "	km 17.477 mile 28.132	205.985 205.944
<u>1 9 7 8</u> 1. 9.	Carl-Magnus Skogh, S, Volvo B-V/VW turbo	Landvetter Airport	km 17.209	209.193

S t a n d i n g K i l o m e t r e

			sec.	km/h
<u>1 9 5 8</u> 10. 12.	Max Nathan, D, Merce- des-Benz 190 D*Continen- tal	Hocken- heim	45.58	78.982
<u>1 9 5 9</u> 25. 11.	Leopold Frhr.v.Zedlitz- Leipe, D, Mercedes-Benz 190 D*Continental	"	42.32	85.066
<u>1 9 6 1</u> 27. 11.	Walter Assenheimer, D, Mercedes-Benz 190 Spl. *Metzeler	"	36.51	98.603

S t a n d i n g M i l e

			sec.	km/h
<u>1 9 5 8</u> 10. 12.	Max Nathan, D, Mercedes- Benz 190 D*Continental	Hocken- heim	65.65	88.3
<u>1 9 5 9</u> 25. 11.	Leopold Frhr.v.Zedlitz- Leipe, D, Mercedes-Benz 190 D*Continental	"	60.64	95.6
<u>1 9 6 1</u> 27. 11.	Walter Assenheimer, D, Mercedes-Benz 190 Spl. *Metzeler	"	51.88	111.7

T h e H o u r

			km
<u>1 9 5 3</u> 2. 5.	Adolf Brudes, D, Borgward (1.76)	Linás- Montlhéry	139.391
<u>1 9 6 1</u> 28. 3.	Walter Assenheimer, D, Mercedes-Benz 190 SL Spider*Metzeler	Monza	153.597
<u>1 9 6 5</u> 11. 6.	Charles Besnardière, F, Peugeot 404 Spider Coupé /Indenor J 7*Michelin	Linás- Montlhéry	161.929
<u>1 9 8 2</u> 11.	Alfetta Giulietta turbo	Nardò nr. Brindisi	202.361
<u>1 9 8 3</u> 21. 10.	Tsutsumi Tomoluko, J, Aska 2000/Isuzu 4 F C I turbo	Japan Autom. Research In- stitute	214.18

2 4 H o u r s

			km	km/h
<u>1 9 5 3</u> 2./3.5.	Adolf Brudes, Hans Hugo Hartmann, Max Nathan, Hans Karl Schaeufele, Edmond Mouche, Jules Poch, D/F, Borgward (1.76)	Linás- Montlhéry	3 344.541	139.356
<u>1 9 6 1</u> 28./29.3.	Rolf Rink, Hans-Horst Hoel- der, Walter Assenheimer, Hans Klinken, D, Mercedes-Benz 190 Spl.*Metzeler	Monza	3 699.312	154.138
<u>1 9 6 5</u> 11./12.6.	Charles Besnardière, Jean Gérard, Roger de Lageneste, Georges Tchekemian, du Gi- nestoux, F, Peugeot 404 Spider Coupé/Indenor J 7 *Michelin	Linás- Montlhéry	3 881.885	161.591
<u>1 9 8 2</u> 11.	Alfetta Giulietta turbo	Nardò nr. Brindisi		190
<u>1 9 8 3</u> 21.-23.10.	Tsutsumi Tomoluko, Nagata Masakazu, Fujikawa Motozo, Kohigashi Akihiro, J, Aska 2000/Isuzu 4F C I turbo	Japan Autom. Research In- stitute	4 928.48	205.35

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Class F . 1.1 to 1.5 Litres

F l y i n g s t a r t

1 9 7 7
4 . 1 .

Miramas

V W
Golf
ID
turbo

k m
mile

Time	km/h
25.83	139.372
	143.193

S t a n d i n g K i l o m e t r e

1 9 7 7
4 . 1 .

Miramas

V W
Golf ID
turbo

sec.
37.3

km/h	m.p.h.
96.514	59.97

T h e H o u r

			k m	miles
<u>1 9 7 3</u>	Jean Guichet, F	Peugeot 204	151.433	94.1
22. 6.	L.-Montlhéry	Diesel		

2 4 H o u r s

<u>1 9 7 7</u>		V W	3 043	126.808
5./6.1.	Miramas	Golf LD turbo		