

SEMSEC Track Day & Race Meeting 8th July



official programme £2



NOTICE - WARNING TO THE PUBLIC MOTOR SPORT IS DANGEROUS

It is a condition of admission that all persons having any connection with the promotion and/or organisation and/or conduct of the meeting, including the owners of the land and the drivers and owners of the vehicles and passengers in the vehicles, are absolved from all liability arising out of accidents causing damage or personal injury (whether fatal or otherwise) however caused to spectators or ticket holders.

In the event of an accident, PLEASE REMAIN WHERE YOU ARE. There are doctors in attendance at this meeting as well as a trained Rescue Unit and St. John's Ambulance.

Spectator Notices

Please do not leave litter about the grounds, place it in the receptacles provided or take it home with you. Remember one piece of litter could be FATAL.

Please drive with care and consideration for others when leaving the circuit, this is a race track the road outside is not.

SPECIAL NOTICE - Dogs are allowed in the circuit grounds, but they must be kept securely on a lead, they are not allowed in the Paddock Area.

NOTE - It is a condition of the planning permission granted to Lydden Circuit that there be no engine noise prior to 9.00am on weekdays and Saturdays, and 12.30 on Sundays, and after 6.00pm on any day. Will competitors please comply. Furthermore competitors are forbidden to, and spectators are requested not to, approach or leave the circuit via Wootton Village, enter and exit via A2 only.

Prohibited Area Notice

The public are not permitted in the area where the notices are displayed. Any fences or gates are there for your protection. Any person found trespassing or willfully damaging trees, fences etc WILL BE PROSECUTED BY THE CIRCUIT.

Today's Officials

Held under the General Regulations of The Motor Sports Association (incorporating the provisions of the International Sporting Code of the FIA) and the Supplementary Regulations.
Race Permit No: 35307 (National B Status)

Officials

MSA Steward:	Ray Miles
Club Stewards:	Norman Redhead & Duncan Welch
Clerk of Course:	Ken Greenfield
Assistants:	Terry Harrison
	John Baldwin
Chief Marshal:	Adrian Dawkins
Chief Scrutineer:	John Winder
Chief Timekeeper:	Peter Knight
Chief Medical Officer:	TBA
Chief Observer:	Gary Goodwin
Secretary of the Meeting:	Ant Miles
Green Scrutineer & Noise Official:	Mark Herridge



Bill Weaving

www.semsec.org.uk

Flag Signals

Green

Signals start of the formation lap and end of danger after a yellow flag

Yellow

Stationery - danger, slow down, no over taking. Waved - be prepared to stop, no over taking

Blue

Stationery - another competitor close behind. Waved - another competitor trying to over take

White

Slow moving vehicle on track

Yellow & Red

Slippery surface

Red

Race stopped

Black

Competitor must return to pits

Black & White Diagonal

Warning to driver of suspect behaviour

Black with Orange Spot

Notice of mechanical failure or fire, competitor must return to pits

Black & White Chequered

End of race

Foreword

Today is dedicated to
Nikki Stevens

SEMSEC Race Meeting

Welcome to Lydden Circuit and to today's race meeting organised by the South East Motor Sport Enthusiasts Club (SEMSEC).

There will be seven races for all makes and models of cars from saloons, sports cars, kit cars to single seaters. This event is a round of the various SEMSEC championship and challenge series for 2006, which are detailed at the back of this programme.

SEMSEC's philosophy has always been to cater for as many competitors and car types as possible. This philosophy means you will see a very wide variety of cars here today, including everything from old MG's, Minis, Escorts through to the latest Caterham and Radical sports cars and a variety of single seaters. Many of these cars will be eligible to enter in at least two of the races and in some cases three.

We hope you enjoy today's event and will join us at one of our future meetings.

Track Day

This morning plays host to a Track Day. Track Days give you the opportunity to drive your car quickly away from the road, oncoming traffic and speed cameras! The days are sociable, low pressure, non-competitive and open to almost any type of car. If you fancy driving around Lydden circuit visit semsec.org.uk for future dates and entry forms or talk to one of the officials in the Paddock Office.

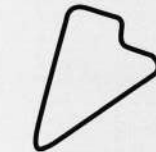
Tunbridge Wells Motor Club's



LYDDEN



GOODWOOD



SILVERSTONE



BRANDS HATCH

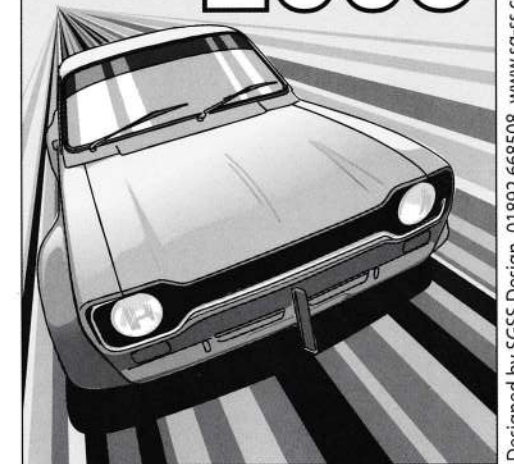


CADWELL PARK

- 12 rounds
- Five Circuits
- Newsletter with reports on all rounds
- On-line information and results at: www.twmc.org.uk
- Download regulations and entry forms from the website

Contact:

Gary Goodwin
01892 516365
www.twmc.org.uk
all_circuit@twmc.org.uk



South East Motor Sport Enthusiasts Club

The Club was formed in 1994 to promote race and rallycross meetings at Lydden Circuit near Canterbury. Formed as a joint venture between the British Automobile Racing Club London & Home Counties Centre, the Tunbridge Wells Motor Club (TWMC) and several prominent local motor sport enthusiasts.

In 1995 the management of the club was taken over by TWMC who invited local clubs to become involved and use the club as a vehicle to run race events and sprint events. TWMC took SEMSEC forward with the support of Rochester MC and Borough 19 MC. TWMC and RMC supply many of the officials for SEMSEC events and each club also run sprints that form part of the events. In 1995 the Lydden Marshals Club was also amalgamated with SEMSEC and saw a large increase in support for SEMSEC's meetings which has been building ever since.

Although managed by TWMC and assisted by Rochester Motor Club, SEMSEC is a true Lydden based club with most of its meetings taking place at the circuit. SEMSEC hold club nights at the Phoenix Rail-way Club, Crabble Road, Dover on the second Tuesday of each month starting

at 8pm. New and prospective members are always welcome.

If you would like to join the club to race, marshal, officiate or as a social member, there is an application form at the back of this programme. Racing membership is just £25.00 per annum whilst non-racing membership is £12.50 per annum. As a SEMSEC member you will receive copies of the club's newsletter giving details of forthcoming events and reports on past events.

The club's programme of events for 2006 includes six race meetings at Lydden Circuit and two at Brands Hatch. These events are supported by five Sprints and three Track Days.

We hope you enjoy today's meeting and look forward to seeing you again in the future.

Future Dates 2006

- Sat 19 Aug Sprint & Race Meeting – Lydden
- Sat 9 Sep Sprint & Race Meeting – Brands Hatch
- Sat 30 Sep Track Day & Race Meeting – Lydden
- Sat 28 Oct Sprint & Race Meeting – Lydden



Bill Weaving

Championship and event details are available from SEMSEC's website:

www.semsec.org.uk

Tunbridge Wells Motor Club www.twmc.org.uk

Tunbridge Wells Motor Club (TWMC) traces its origins back to 1911 when it was formed as a Motor Cycling Club. It later added a motor car section and is today entirely devoted to 4 wheels. The club is in its 94th year this year making it one of the oldest motor clubs in Britain today.

The Club is involved in a wide range of competitive and social motoring activities including Racing, Sprints, Trials and Autotests. Members also compete in many other events such as Stage Rallies, Historic & Classic Rallying, Hillclimbs and Karting.

For the socially active there are Barbecues, a Dinner Dance and various other non-motorsport activities.

TWMC has a busy year in 2005 running Sprints at Brands Hatch, Goodwood and Lydden. There will be a series of evening Autotests held near Edenbridge as well as supporting all SEMSEC events. TWMC also runs its own Sprint championship called the All Circuit Sprint Championship.

Single person club membership costs £15.00 per annum whilst family membership is £17.00. For further information about the club phone the Club Chairman, Norman Redhead on 01323 502335 or visit the club's website.



Rochester Motor Club www.rochestermc.co.uk

Founded in 1912, the club has one of the largest memberships in the South East, with over 300 members. The club is fairly unique in that its activities encompass karting, car and motorcycle events. The ever expanding karting section features four stroke racing with eight classes, from 8 year old upwards. This section operates under its own promotional banner of the Formula 6 Association. Also Rochester Motor Club, as one of the three clubs running the Kent Racing Combine, has long been promoting motorcycle road racing. It is currently promoting a series of six hour endurance races. The car section is proud to promote events at Lydden and participate in the promotion of SEMSEC.

The Club has its own Offices at Tiger Month Pub, Davis Estate Chatham on 1st and 3rd Thursday of each month.

Contact: Ron McCabe 01622 745714

Membership Fees:

Junior £10.00,

Senior £12.00

Husband & Wife £14.00



Timetable

- Track Day from 9.00am .
- Race Practice from 1.30pm, followed immediately by race one at approximately 3.35pm.

Race 1 (15 laps)
South East Sports and Saloon Car Challenge Race

Race 2 (10 laps)
SEMSEC Single Seater Challenge Race 1

Race 3 (15 laps)
Sports Racing Car Championship & 7 Type Sports Car & Production Kit Car Championship Race

Race 4 (15 laps)
Intermediate Saloon Championship, Production Sports Car & Super Saloons & Sports Car Championship

Race 5 (15 laps)
SEMSEC Single Seater Challenge Race 2

Race 6 (12 laps)
John Taylor Handicap

Acknowledgments

The South East Motor Sport Enthusiast Club would like to thank the following: Lydden Circuit, Tunbridge Wells MC, Rochester MC and all officials and marshals at today's event.

Track Day Entry List



Name	Make / Model	cc
Bob Green	Dax Rush	5200
Jeoff Flecher	Ford Escort MK II	2000
Andrew Murphy	Fiat Tipo 16v	1995
David Mottershaw	Lotus Elise	1800
Scott Brooker	Ford Fiesta XR2	1800
Nicholas Brooker	Ford Fiesta XR2	1800
Tom Luff	BMW M3	3201
Martion Smith	BMW M3	3201
Basil Ball	Lotus Cortina MkI	1598
Christian Ringer	Radical Clubsport	1100
Mike Youles	Radical Clubsport	1100
Ben Dewen	Jaguar D Type	4235
David Wright	Peugeot 205 GTI	1600
Martin Bewsey	Radical Clubsport	1100
Ian Smith	Tiger Cat E1	2000
Brian Mitcham	Locost	1300
Chris Wood	Raw Striker	1600



Pictures will be available from:

semsec.org.uk

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HAWKER V P



ready2race.co.uk

Results from today's event will be available from:

www.semsec.org.uk

FastRoad AndTrack.co.uk



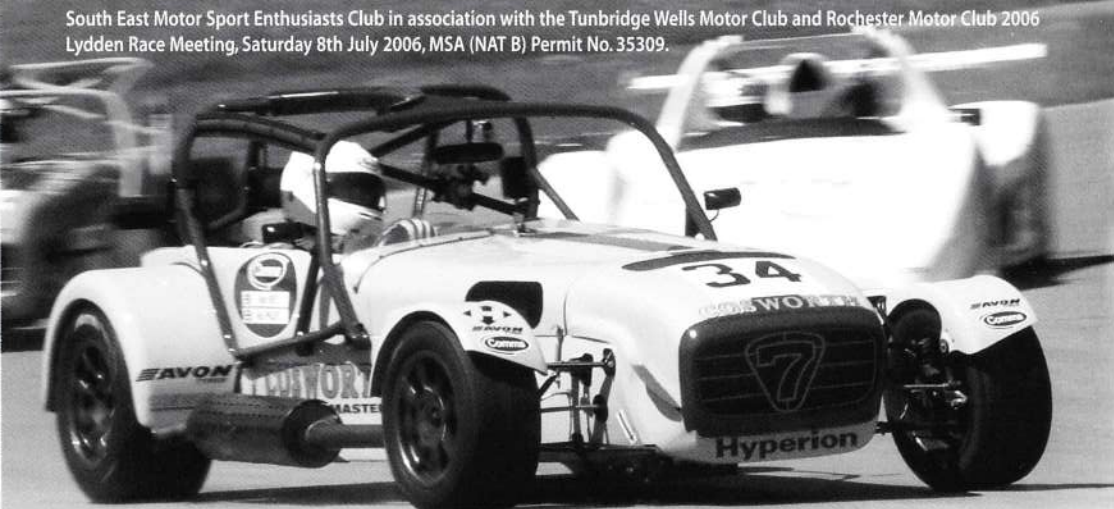
Buying or selling a car?

At FastRoadAndTrack we have a large selection of current advertisements for competition, classic and fast road cars. We even e-mail you when someone advertises the car you want.



Race Entry List

South East Motor Sport Enthusiasts Club in association with the Tunbridge Wells Motor Club and Rochester Motor Club 2006
Lydden Race Meeting, Saturday 8th July 2006, MSA (NAT B) Permit No. 35309.



RACE 1 (15 laps)

South East Sports and Saloon Car Challenge Race

Grid positions

1	3	5	7	9	11	13	15	17	19	21
2	4	6	8	10	12	14	16	18	20	

No. Driver	Make/Model	Engine/cc	Home Town
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Class A - Sports Racing Cars up to 2000cc, & Sports Cars built & designed for one make Sports Racing Series up to 2000cc

29	Robert Morris	Radical Clubsport	1100	Beckenham
58	Charles Harvey-Kelly	Radical SR4 Clubsport	1500	Sevenoaks
20	Mark Burton	Jade	2000	

Class B - Silhouette GT Saloons over 1600cc, Production Kit Cars over 1700cc and all motorcycle engined kit cars.

4	Simon Gusterson	Ariel Atom	1998	Gt Mibraham
8	Ian Conibear	Westfield SE1W	2000	East Ewell
24	Richard White	Westfield	2000	Ewell
34	Nigel Bent	Caterham CSR260	2300	Tunbridge Wells

Class C - Silhouette GT Saloons upto 1600cc, all Special Saloons, Production Based Sports Cars over 2500cc and Forced Induction Modified Production Saloons and Production Kit Cars over 1400cc and up to 1700cc (except cars eligible for classes in B, D or E)

23	Mark Pratt	Caterham Roadsport A	1600	Romford
26	Bill Richards	Metro Cosworth	1298	Brookland
36	Gary Merritt	Westfield SE	1700	Worcester Park

Class E - Modified Production Saloons up to 1700cc and production based Sports Cars up to 1400cc and production kit cars upto 1400cc running on road tyres (except motorcycle engined kit cars)

11	A. Child-Freeman	Locost 7	1300	London
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Result

1	3	5	7	9	11	13	15	17	19	21
2	4	6	8	10	12	14	16	18	20	

RACE 2 (10 laps)

SEMSEC Single Seater Challenge Race 1

Grid positions

1	3	5	7	9	11	13	15	17	19	21
2	4	6	8	10	12	14	16	18	20	

No. Driver	Make/Model	Engine/cc	Home Town
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Class A - Motorcycle derived engines up to 1200cc

Class B - Formula Ford 1600 and Formula First Cars

46	John De Ritter	Argo JM10	1980	Wimborne
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Class C - Formula Ford 1800 Zetec cars and Formula Ford 2000cc

2	Alan Gape	ERA HSS	1800	Godalming
4	Rodrick Stead	Van Dieman RF83	2000	New Malden
19	Phil Ayes	ERA HSS	1800	Bury St Edmonds

Class D - Formula Renault and Formula Vauxhall cars

6	Gary Tidwell	Swift SC94R	1720	Canterbury
13	Chris Chandler	Tatuus 97	2000	Liss

Class E - All other single seater cars up to 2000cc (including single seater racing cars complying to MSA Sprint & Hillclimb regulations) & Motor cycle derived engined cars over 1200cc.

12	Mike Bees	Reynard FVL	1998	Colchester
72	Simon Langman	Brabham BT30	1600	Worthing

Result

1	3	5	7	9	11	13	15	17	19	21
2	4	6	8	10	12	14	16	18	20	



RACE 3 (15 laps)

Sports Racing Car Championship & 7 Type Sports Car & Production Kit Car Championship Race

Grid positions

1	3	5	7	9	11	13	15	17	19	21
2	4	6	8	10	12	14	16	18	20	

No.	Driver	Make/Model	Engine/cc	Home Town
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Sports Racing Car Championship

Class 1 - Sports Racing, Sports Prototype Cars, Sports Racing Cars with Motorcycle derived engines and one make sports cars specifically built and designed for racing (excluding cars eligible for classes 2 or 3).

Class 2 - Global Lights, Radicals Clubsports and Radical SR4's

29	Robert Morris	Radical Clubsport	1100	Beckenham
58	Charles Harvey-Kelly	Radical SR4 Clubsport	1500	Sevenoaks

7 Type Sports Cars & Production Kit Car Championship

Class 6 - 7 Type Sports Cars (excluding cars eligible for class 7)

8	Ian Conibear	Westfield SE1W	2000	East Ewell
23	Mark Pratt	Caterham Roadsport A	1600	Romford
24	Richard White	Westfield	2000	Ewell
34	Nigel Bent	Caterham CSR260	2300	Tunbridge Wells

Class 7 - 7 Type Sports Cars on Roadgoing Tyres

11	A. Childe-Freeman	Locost 7	1300	London
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Class 8 - Other Kit Cars and Sports Cars of limited production runs excluding sports racing cars and cars built for one make sports car formulae (i.e. Radicals, Global Lights etc).

4	Simon Gusterson	Ariel Atom	1998	Gt Mibraham
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Result

1	3	5	7	9	11	13	15	17	19	21
2	4	6	8	10	12	14	16	18	20	



RACE 4 (15 laps)

Intermediate Saloon Championship, Production Sports Car & Super Saloons & Sports Car Championship

Grid positions

1	3	5	7	9	11	13	15	17	19	21
2	4	6	8	10	12	14	16	18	20	

No.	Driver	Make/Model	Engine/cc	Home Town
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Intermediate Saloons Championship

Class 11 - Forced Induction Intermediate Saloons.

D 16	Steve Weatherley	Serria Sapphire	2000	St Leonards on Sea
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Class 12 - Intermediate Saloons over 1800cc

12	Brian Wray	Vauxhall Chevette	2300	Edenbridge Ewell
41	Stuart Bayliss	VW Beetle	1914	

Class 13 - Intermediate Saloons over 1400cc and up to 1800cc

26	Bill Richards	Mini Clubman	1460	Brooklands
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Class 14 - Intermediate Saloons up to 1400cc and all Roadgoing Intermediate Saloons

25	Stephen King	Mini Miglia	1293	Shepherdswell
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Production Sports Car Championship

Class 9 - Mass Production based Sports Cars over 1700cc

Class 10 - Mass Production based Sports Cars up to 1700cc

1	Steve Luscombe	MG Midget	1380	London
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Result

1	3	5	7	9	11	13	15	17	19	21
2	4	6	8	10	12	14	16	18	20	



RACE 5 (15 laps) SEMSEC Single Seater Challenge Race 2

Grid positions

1	3	5	7	9	11	13	15	17	19	21
2	4	6	8	10	12	14	16	18	20	

No. Driver	Make/Model	Engine/cc	Home Town
Class A - Motorcycle derived engines up to 1200cc			
Class B - Formula Ford 1600 and Formula First Cars			
46 John De Ritter	Argo JM10	1980	Wimborne
Class C - Formula Ford 1800 Zetec cars and Formula Ford 2000cc			
2 Alan Gape	ERA HSS	1800	Godalming
4 Rodrick Stead	Van Dieman RF83	2000	New Malden
19 Phil Ayes	ERA HSS	1800	Bury St Edmonds
Class D - Formula Renault and Formula Vauxhall cars			
6 Gary Tidwell	Swift SC94R	1720	Canterbury
13 Chris Chandler	Tatuus 97	2000	Liss
Class E - All other single seater cars up to 2000cc (including single seater racing cars complying to MSA Sprint & Hillclimb regulations) & Motor cycle derived engines over 1200cc.			
12 Mike Bees	Reynard FVL	1998	Colchester
72 Simon Langman	Brabham BT30	1600	Worthing

Result

1	3	5	7	9	11	13	15	17	19	21
2	4	6	8	10	12	14	16	18	20	

RACE 6 (12 laps) John Taylor Handicap

Grid positions

1	3	5	7	9	11	13	15	17	19	21
2	4	6	8	10	12	14	16	18	20	

No. Driver	Make/Model	Engine/cc	Home Town
8 Ian Conibear	Westfield SE1W	2000	East Ewell
23 Mark Pratt	Caterham Roadsport A	1600	Romford
24 Richard White	Westfield	2000	Ewell
29 Robert Morris	Radical Clubsport	1100	Beckenham
34 Nigel Bent	Caterham CSR260	2300	Tunbridge Wells

Result

1	3	5	7	9	11	13	15	17	19	21
2	4	6	8	10	12	14	16	18	20	

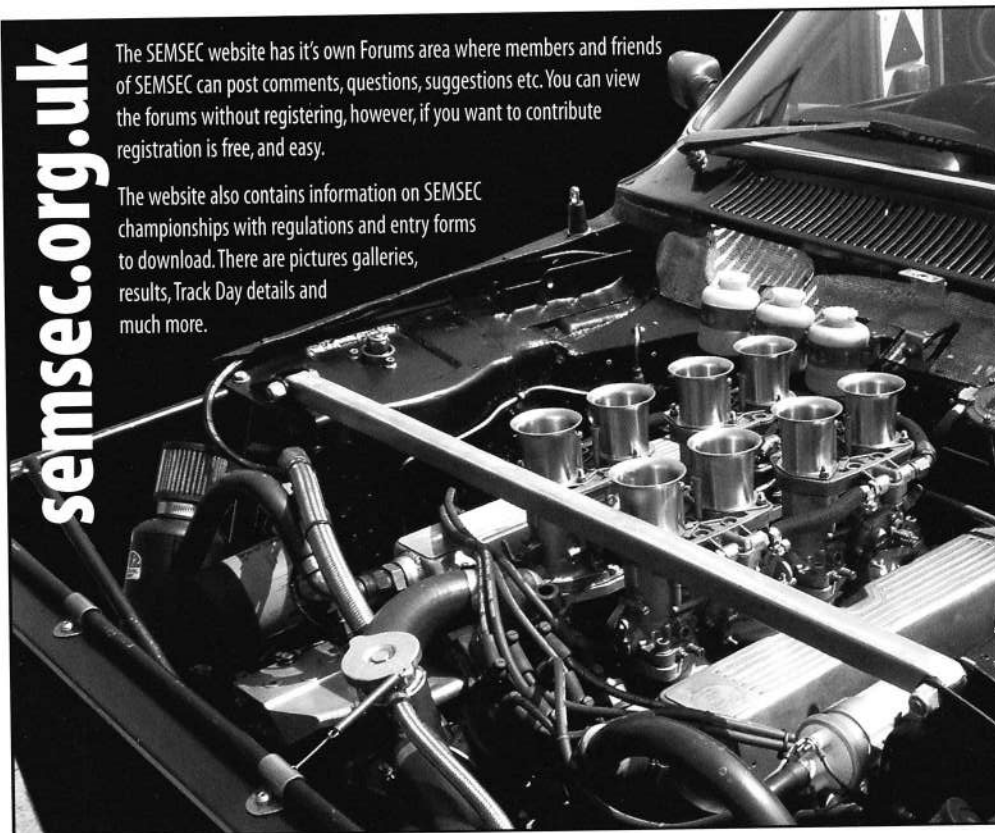
Notes: (D) Denotes disabled Driver

Pictures from today's meeting will be available on semsec.org.uk

semsec.org.uk

The SEMSEC website has it's own Forums area where members and friends of SEMSEC can post comments, questions, suggestions etc. You can view the forums without registering, however, if you want to contribute registration is free, and easy.

The website also contains information on SEMSEC championships with regulations and entry forms to download. There are pictures galleries, results, Track Day details and much more.



Championships

South East Sports and Saloon Challenge

A brief overview of the saloon and sports cars eligible for the championship is as follows:

Sports Racing Cars – A two seater competition vehicle designed and built specifically for racing on closed circuits, but excluding one make sports car formulae.

Production Kit Cars – A two seater sports car supplied by a commercial manufacturer and available to the general public in kit form for use on the public highway.

Production Based Sports Cars – Cars based on any production sports car where more than 1000 examples have been made for sale to the general public.

Silhouettes GT Saloons – Hybrid closed configuration special GT cars.

Special Saloons – Based on cars which have been homologated in FIA standards or verified as having been produced in minimum homologation quantities.

Modified Production Saloons – Saloons and hatchbacks which have been derived from cars homologated in FIA standards or verified as having been produced in minimum homologation quantities.

SEMSEC Saloons & Sports Championship

This Championship is for competitors participating in two wheel drive saloon and sports cars. Included are silhouette GT saloons, special saloons, modified saloons, sports cars, including those built for one make racing series. Prototype sports cars built on a one-off basis and sports racing cars up to 2000cc are also eligible.

SEMSEC Open Single Seater Challenge

The Single Seater Challenge is for competitors participating in single seat racing cars up to 2000cc. These include Formula Ford 1600,

Formula Ford Zetec, Formula Ford 2000, Formula Vauxhall, Formula Renault, motor cycle engined single seaters and other single seat racing cars. All cars must comply with the appropriate MSA (Motorsports Association) technical regulations in force for the year in which the car was produced.

John Taylor Handicap Championship

Our Chief Timekeeper at SEMSEC events between 1995 and 1997 was John Taylor and it was John who introduced us to the idea of running a Handicap Saloon and Sports Car race at each of our meetings.

The aim of this format of racing is to even up all the different power, weight and driver advantages and disadvantages from a wide range of saloon and sports cars. This is achieved by giving each competitor a time handicap according to his/her known performance. In some cases the slower cars may have a one or even two lap advantage over the fastest cars so having to complete 10 instead of 12 laps. This means that to win the fastest cars may have had to lap the slowest cars twice.

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Membership Form

I would like to apply for membership of the South East Motor Sports Enthusiasts Club.

1. DETAILS OF APPLICANT

Name:

Address:

Post Code:

Tel: (Home)

(Work)

Type of car(s) owned:

2. INTERESTS

Competitor / Official / Marshal (circle those appropriate)

Competition Car Formula / Type of race entered

Championships (which registered for)

3. DO YOU REQUIRE COPIES OF TWMC/SEMSEC CHAMPIONSHIP REGULATIONS AND REGISTRATION FORMS?

YES/NO (delete as appropriate)

If YES which championships: (circle those appropriate below)

Saloon / Special & Silhouette / Sports Car / Saloon & Sports Car Handicap /
Up to 1600cc Single Seater / Sprint

4. TYPE OF MEMBERSHIP

- Discounted non-racing membership for marshals £ 7.50 (first year subject to conditions)
- Non-racing Membership £ 12.50 (per annum)
- Racing Membership £ 25.00 (per annum)

5. I ENCLOSE A CHEQUE/POSTAL ORDER PAYABLE TO THE 'SOUTH EAST MOTOR SPORTS ENTHUSIASTS CLUB'

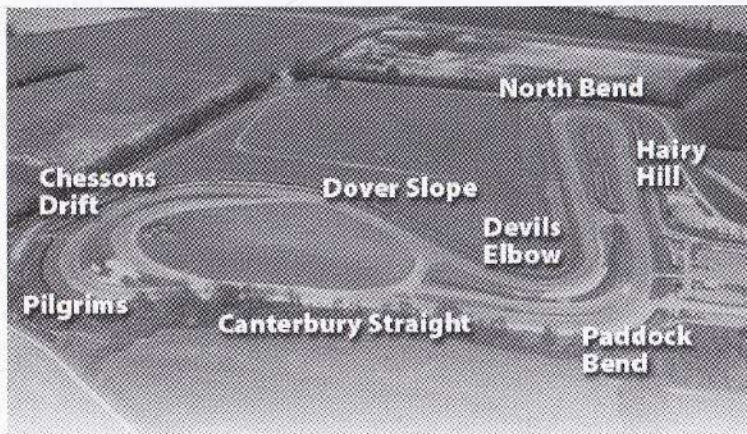
for £

Please send all membership applications to:

Anthony Miles, SEMSEC, Linwood, Beacon Road, Crowborough, East Sussex TN6 1UD.

The South East Motor Sports Enthusiasts Club is a company limited by the guarantee of its members up to a limit of £1.00

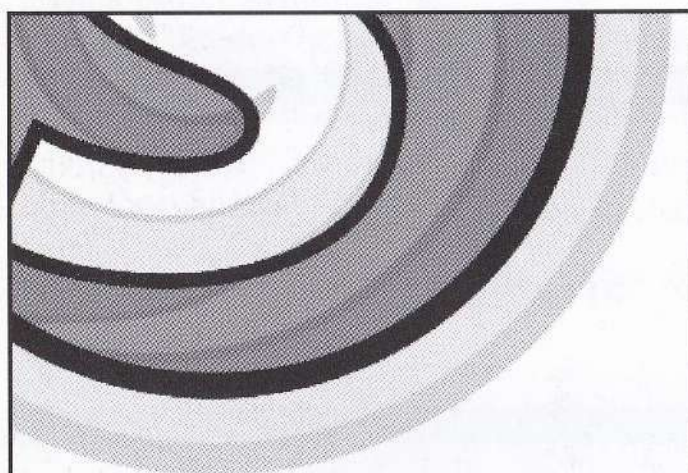
Lydden Circuit



Lydden International Motor Racing Circuit
 Wotton Canterbury, Kent Tel: 01304 830557
www.lyddenracecircuit.co.uk

Future SEMSEC Dates 2006

- Sat 3 Jun Sprint & Race Meeting – Lydden
- Sat 1 Jul TWMC Sprint – Goodwood
- Sat 8 Jul Track Day & Race Meeting – Lydden
- Sat 19 Aug Sprint & Race Meeting – Lydden
- Sat 9 Sep Sprint & Race Meeting – Brands Hatch
- Sat 30 Sep Track Day & Race Meeting – Lydden
- Sat 28 Oct Sprint & Race Meeting – Lydden



Designers of this programme – to see
 more printed and website examples:

www.sg-ss.co.uk
steve@sg-ss.co.uk | 01892 668508

Lap Speed Chart

Time	Speed						
secs	mph						
38	94.73	43.4	82.95	49.0	73.47	54.6	65.93
38.1	94.48	43.5	82.76	49.1	73.32	54.7	65.81
38.2	94.24	43.6	82.57	49.2	73.17	54.8	65.69
38.3	93.99	43.7	82.38	49.3	73.02	54.9	65.57
38.4	93.75	43.8	82.19	49.4	72.87	55.0	65.45
38.5	93.50	43.9	82.00	49.5	72.73	55.1	65.33
38.6	93.26	44.0	81.82	49.6	72.58	55.2	65.21
38.7	93.02	44.1	81.63	49.7	72.43	55.3	65.09
38.8	92.78	44.2	81.45	49.8	72.29	55.4	64.98
38.9	92.54	44.3	81.26	49.9	72.14	55.5	64.86
39	92.30	44.4	81.08	50.0	72.00	55.6	64.77
39.1	92.07	44.5	80.90	50.1	71.86	55.7	64.63
39.2	91.83	44.6	80.72	50.2	71.71	55.8	64.51
39.3	91.60	44.7	80.54	50.3	71.57	55.9	64.40
39.4	91.37	44.8	80.36	50.4	71.43	56.0	64.28
39.5	91.13	44.9	80.18	50.5	71.29	56.1	64.17
39.6	90.90	45.0	80.00	50.6	71.15	56.2	64.05
39.7	90.68	45.1	79.82	50.7	71.01	56.3	63.94
39.8	90.45	45.2	79.65	50.8	70.86	56.4	63.82
39.9	90.22	45.3	79.47	50.9	70.72	56.5	63.71
40	90.00	45.4	79.30	51.0	70.58	56.6	63.60
40.1	89.77	45.5	79.12	51.1	70.45	56.7	63.49
40.2	89.55	45.6	78.95	51.2	70.31	56.8	63.38
40.3	89.33	45.7	78.77	51.3	70.17	56.9	63.26
40.4	89.10	45.8	78.60	51.4	70.00	57.0	63.15
40.5	88.88	45.9	78.43	51.5	69.90	57.1	63.04
40.6	88.66	46.0	78.26	51.6	69.76	57.2	62.93
40.7	88.45	46.1	78.09	51.7	69.63	57.3	62.82
40.8	88.23	46.2	77.92	51.8	69.49	57.4	62.71
40.9	88.01	46.3	77.75	51.9	69.36	57.5	62.60
41	87.80	46.4	77.59	52.0	69.23	57.6	62.50
41.1	87.59	46.5	77.42	52.1	69.09	57.7	62.39
41.2	87.37	46.6	77.25	52.2	68.96	57.8	62.28
41.3	87.16	46.7	77.09	52.3	68.83	57.9	62.17
41.4	86.95	46.8	76.92	52.4	68.70	58.0	62.06
41.5	86.74	46.9	76.75	52.5	68.57	58.1	61.96
41.6	86.53	47.0	76.60	52.6	68.44	58.2	61.85
41.7	86.33	47.1	76.43	52.7	68.31	58.3	61.74
41.8	86.12	47.2	76.27	52.8	68.18	58.4	61.64
41.9	85.91	47.3	76.11	52.9	68.05	58.5	61.53
42	85.71	47.4	75.95	53.0	67.92	58.6	61.43
42.1	85.51	47.5	75.79	53.1	67.79	58.7	61.32
42.2	85.30	47.6	75.63	53.2	67.66	58.8	61.22
42.3	85.10	47.7	75.47	53.3	67.54	58.9	61.12
42.4	84.90	47.8	75.31	53.4	67.41	59.0	61.01
42.5	84.70	47.9	75.15	53.5	67.28	59.1	60.91
42.6	84.50	48.0	75.00	53.6	67.16	59.2	60.81
42.7	84.30	48.1	74.84	53.7	67.03	59.3	60.70
42.8	84.11	48.2	74.69	53.8	66.91	59.4	60.60
42.9	83.91	48.3	74.53	53.9	66.79	59.5	60.50
43	83.72	48.4	74.38	54.0	66.66	59.6	60.40
43.1	83.53	48.5	74.23	54.1	66.54	59.7	60.30
43.2	83.33	48.6	74.07	54.2	66.42	59.8	60.20
43.3	83.14	48.7	73.92	54.3	66.29	59.9	60.10
		48.8	73.77	54.4	66.17	60.0	60.00
		48.9	73.62	54.5	66.05		