

Motorcycling is a sport for the independent man.

Until his electrics break down. And then, because he wants to get back on the road with minimum delay, he looks for the fastest, most reliable help he can find.

And that means help from the nearest Lucas B90 dealer. In a matter of minutes he'll replace the faulty component with a B90 electrical exchange unit. These units, alternators,

stators, regulators etc. are built to the latest specifications, for long life and reliability you can count on. And each B90 unit comes complete with a 12 months' guarantee.

Next time an electrical unit gives you trouble, maintain your independence! With a little help from Lucas B90.

Lucas Exchange Service-makes sense



37th International HUTCHINSON 100 Sponsored by the Evening News

BRANDS HATCH Sunday August 10, 1969

An International road race meeting for solo motorcycles and three-wheelers held under the International Sporting Code of the F.I.M., General Competition Rules of the A-C.U. and the Supplementary Regulations of the B.M.C.R.C.



Organised by the
British Motor Cycle
Racing Club

Affiliated to the A-C.U.
as a Non-Territorial Club

MOTOR CIRCUIT DEVELOPMENTS LTD.

Managing Director: John Webb

For BRANDS HATCH CIRCUIT LTD.

General Manager: C. J. D. Lowe

Brands Hatch Circuit Ltd. Fawkham Nr. Dartford Kent.

West Ash 331

Permit No. A-C.U. 82 I.M.N. : 2/39 Permanent Course No.1

For the Attention of Spectators

Please do not leave litter about the grounds — take it with you.
The B.M.C.R.C. acknowledge with thanks the valuable assistance given by the individual marshals in conducting this event.
If an accident occurs, leave it to the marshals, the doctor and St. John Ambulance men who are in attendance.

Remember to drive with care and caution when leaving the ground.
To safeguard both competitors and public — **dogs are not admitted unless kept on a leash. This is most important.**

Prohibited Area Notices: The public are not admitted to the areas where these notices are displayed. The fences are there for protection, and any person or persons found trespassing, or wilfully damaging trees, fences, etc., will be prosecuted by Brands Hatch Circuit Ltd.

THE 1969 REDEX CHAMPIONSHIP. Overall Winner receives £100.

Points are awarded automatically to the first six finishers in the event concerned, as follows: 8 points for the winner and 6, 4, 3, 2, and 1 for the next five places. The qualifying event today is the Senior Championship Race for the Evening News Challenge Trophy (aggregate results) and the points will go to the highest placed six riders using machines of 351 - 500 cc capacity in both legs of the race.

Redex Trophy points to date:

Dave Croxford	...	...	20	Ron Chandler	...	...	4
Alan Barnett	...	...	14	Brian Hunter	...	...	3
Michael Andrew	...	...	8	Rex Butcher	...	...	3
Ray Pickrell	...	...	6	Tony Smith	...	...	2
Peter Williams	...	...	6	Malcolm Uphill	...	...	2
Martyn Ashwood	...	...	4				

Flag Signals

National	...	...	...	...	...	Start
Red	...	...	...	...	...	Stop, all Riders
Black, with Rider's Number	...	...	...	...	...	That Rider to stop
Yellow (Motionless)	...	...	...	...	...	Danger, Drive slowly
Yellow (Waved)	...	...	...	...	...	Great Danger, be prepared to stop
Chequered Black and White	...	...	...	...	...	Finish
Yellow/Black Diagonal	...	...	...	...	...	Last Lap

Advice of Results

The result of each race will be announced by the public address system.
Reports on the racing are made in "The Motor Cycle" and "Motor Cycle News," published weekly.

Acknowledgements

By kind permission of the Officer Commanding West Essex Wing Air Training Corps, Manual Scoreboard Operation and Message Carrying Liaison by Cadets of:—

12 F Walthamstow Squadron A.T.C.

27 F Chingford Squadron A.T.C.

1107 Leyton Squadron A.T.C.

2305 Leyton County High School Squadron A.T.C.

representing the Greater London Borough of Waltham Forest.

Officials of the Meeting

Stewards of the meeting	A-C.U. : J. McNulty B.M.C.R.C. : Air Marshal Sir Geoffrey Tuttle, K.B.E., C.B., D.F.C., F.R.Ae.S. G. C. Cobbold and R. C. Walker
Judges	J. Gupwell, O. DeLissa
A-CU Timekeeper in charge	H. W. Shuttleworth (International)
Timekeepers	F. C. Toplis (International) V. C. Anstice (International) R. C. Allcock (National) H. Clenshaw (National) W. A. Stone (Grade 'A')
Official Measurer	V. C. Anstice
Scrutineers	E. A. Woods and Assistants
Chief Medical Officer	G. Hadfield, F.R.C.S.
Medical Officers	F. Blake, F.R.C.S. C. Gallanaugh, F.R.C.S. W. F. Millner, F.R.C.S. assisted by the St. John Ambulance Brigade
Starters	P. F. Corbett (in charge) and V. L. Wardall
Lap Scorers	L. Whitby and Assistants
Chief Marshal	P. H. Spahr
Marshals	Members of B.M.C.R.C., the Kingston and D.M.C.C., the Metropolitan Police and other clubs affiliated to the A-C.U.
Announcers	P. Arnold, E. Dow and A. Robinson
Press Officer	D. Bates (for B.M.C.R.C.)
Deputy Clerk of the Course	F. A. Gillings
Assistant Secretary of the Meeting	P. J. Lewis
Clerk of the Course and Secretary of the Meeting	Jim Swift, P.O. Box No. 75, 33a London Road, Kingston-on-Thames, Surrey.
Track Supervisor	G. Officer

Programme of Events & Cash Awards

- Event 1. 250 Allcomers' Race**
12.00 hrs. 12 Lap Race for Solos over 175 and not over 250 cc
Awards: 1st—£15 2nd—£10 3rd—£8 4th—£6 5th—£5 6th—£4
- Event 2. Three-Wheeler Scratch Race**
12.40 hrs. 12 Lap Race for Three-Wheelers (Categories B1, B2) —
350 cc and not over 1,300 cc
Awards: 1st—£20 2nd—£15 3rd—£10 4th—£7 5th—£4 6th—£2
- Event 3. Senior Championship Race (1st Leg)**
for the 'Evening News' Challenge Trophy
13.15 hrs. 15 Lap Race for Solos over 175 and not over 1000 cc
Awards: 1st—£25 2nd—£15 3rd—£10 4th—£8 5th—£6 6th—£5
7th—£4 8th—£3 9th—£2 10th—£1
- Event 4. 125 Championship**
13.55 hrs. 12 Lap Race for Solos over 100 and not over 125 cc
Awards: 1st—£20 2nd—£15 3rd—£10 4th—£7 5th—£4 6th—£2
- Event 5. 350 Allcomers' Race**
14.30 hrs. 10 Lap Race for Solos over 250 and not over 350 cc
Awards: 1st—£15 2nd—£10 3rd—£8 4th—£7 5th—£6 6th—£9
7th—£4 8th—£3 9th—£2 10th—£1
- Event 6. Production Machine Race**
15.00 hrs. 20 Lap Race for Production Sports Machines over 175 and
not over 1,000 cc
Awards: 1st—£30 2nd—£20 3rd—£15 4th—£10
5th—£8 6th—£6 7th—£5 8th—£2
- Event 7. Sidecar Championship Race**
15.50 hrs. 12 Lap Race for Three-Wheelers (Categories B1 and B2)
over 350 and not over 750 cc
Awards: 1st—£35 2nd—£25 3rd—£15 4th—£10 5th—£8 6th—£6
7th—£5 8th—£3
- Event 8. 250 Championship**
16.20 hrs. 12 Lap Race for Solos over 175 and not over 250 cc
Awards: 1st—£30 2nd—£20 3rd—£15 4th—£10 5th—£8 6th—£5
7th—£4 8th—£3
- Event 9. Senior Championship Race (Final Leg)**
17.00 hrs. 15 Lap Race for Solos over 175 and not over 1,000 cc
Awards: 1st—£25 2nd—£15 3rd—£10 4th—£8 5th—£6 6th—£5
7th—£4 8th—£3 9th—£2 10th—£1
- Event 10. Summer Scratch Race**
17.45 hrs. 10 Lap Race for Solos over 350 and not over 1,000 cc
Awards: 1st—£15 2nd—£10 3rd—£8 4th—£7 5th—£6 6th—£5
7th—£4 8th—£3 9th—£2 10th—£1

Senior Championship Races — Events 3 and 9

Aggregate cash awards will be given to the finishers whose combination of the two race times are lower than those of other drivers in the same events. These cash awards will be paid to tenth place, based on an ascending order of the aggregate performance

Awards: 1st—£90 2nd—£60 3rd—£40 4th—£20 5th—£15
6th—£10 7th—£8 8th—£6 9th—£5 10th—£4

Trophies and Special Awards

The Mellano Trophy, to be held for one year with memento for retention, will be awarded to the driver whose average race speed exceeds the existing class lap record for the corresponding class RUN IN AN ANTI-CLOCKWISE DIRECTION of the circuit, or if no driver exceeds the class lap record, then to the driver whose average race speed is closest to the class lap record than those of drivers in other classes. The competition for this trophy is arranged to cover the whole of the meeting, and should any driver be competing in more than one capacity class, solo or sidecar, then his best performance only will be considered.

Any driver whose machine is entered for an event with a higher capacity limitation than the normal one associated with his machine and class, may qualify for the award for his original class. Example: A 350 cc machine being ridden in Events 3 and 9 will qualify for the 350 cc class as it applies for the awarding of the above trophy.

Sidecar drivers may qualify on the above basis but subject to the international limitations of capacity classes and where a lap record exists for those classes.

The A.M.C. Challenge Trophy (presented by Associated Motor Cycles), to be held for one year with memento for retention, will be awarded to the overall winner of Events 3 and 9.

The Avon Trophy (presented by Avon India Rubber Co. Ltd.), to be held for one year with memento for retention, will be awarded to the winner of Event 5.

The Dunlop Trophy (presented by Dunlop Rubber Co. Ltd.), to be held for one year with memento for retention, will be awarded to the winner of Event 8.

George Reynolds Memorial Trophy, to be held for one year with memento for retention, will be awarded to the rider making the fastest lap of the day irrespective of class.

Dennis Lashmar Challenge Trophy, to be held for one year with memento for retention, will be awarded to the rider making the fastest lap of the day in the three-wheeler category (Events 2 and 7).

Arthur Wheeler Trophy (presented by Arthur Wheeler Ltd.), to be held for one year with memento for retention, will be awarded to the winner of Event 4.

The Evening News Challenge Trophy presented by the proprietors of the "Evening News", to be held for one year with memento for retention, will be awarded to the overall winner of Events 3 and 9.

CLOSED

B.M.C.R.C Championships: The first B.M.C.R.C. member to finish in each of the Championship Races will be awarded the Championship Shield for 1969.

The Rickard Trophy. (presented by K. Rickard, Esq.), to be held for one year with memento for retention, will be awarded for the best performance by a B.M.C.R.C. member who is a private owner not in receipt of a Manufacturer's or other trade support. The entry form must be signed in the correct place, otherwise no rider who has not done so will be considered for the award. The final decision in making this award will rest with the judging committee of B.M.C.R.C.

The Watsonian Trophy (presented by Watsonian Sidecars Ltd.), to be held for one year with memento for retention, will be awarded to the first B.M.C.R.C. member to finish in Event 2.

TODAY'S COMPETITORS

DRIVER/ENTRANT	LIC. No.	EVENT	TOWN
Adams, B. G.	Z8640	10	Runnymede
Andrew, M.	Z8613	3 5 6 9	Ware
Entrant—Gus Kuhn Motors Ltd., Lic. No. CO 1375			
Ashwood, M.	Z8613	1 3 5 8 9	Tunbridge Wells
Entrant—Boyer of Bromley, Lic. No. CO 1387			
Avery, R. A.	Z7465	4	Linslade
Barnett, A. J.	Z6625	3 5 9	Iver
Entrant—T. W. Kirby Ltd., Lic. No. CO 1322			
Blanchard, J.	Z8348	3 5 6 9	Crayford
Entrant—Chuck Customised Components, Lic. No. CO 1330			
Bowring, R. V.	00307	6	London, N.15
Entrant—Chuck Customised Components, Lic. No. CO 1330			
Brown, C.	Z7385	3 5 9	Harpenden
Buckmaster, C. K. G.	Z7488	6 10	St. Albans
Butcher, R. E.	Z8620	3 5 6 9	Tonbridge
Entrant—R. T. Quail Engineering, Lic. No. CO 1366			
Buller, P. A.	C123	6 10	London, S.E.17
Entrant—Boyer of Bromley, Lic. No. CO 1387			
Carney, M.	C430	1 3 4 5 8 9	Wallingford
Entrant—R. T. Quail Engineering, Lic. No. CO 1366			
Carr, C.	C453	1 3 8 9	London, S.W.17
Carters, G.		3 4 9	Australia
Entrant—Deeprose Bros. Ltd., Lic. No. NE 73			
Cash, D. R. C.	N1810	6	Slough
Chandler, T. R.	Z8641	1 8	London, W.14
Chatterton, Reg. Kirby, Lic. No. CO 1371			
Chivers, C. A.	Z2617	3 5 9	Kemsing
Chivers, C. A.	Z7431	1 3 5 8 9	Boston
Chivers, C. A.	Z6949	1 8	Barnsley
Cooper, A. T.	Z2585	10	London, S.E.9
Cooper, J. H.	C585	10	Dunstable
Entrant—Thomas School of Motoring, Lic. No. 1368			
Corbett, G. W.	C0613	1 4	Derby
Corbett, J. W.	Z8475	10	S. Harrow
Entrant—J. Browning, Lic. No. CO 1371			
Cott, P.	Z10330	10	Chesterham
Entrant—Gordon Woodman Ltd., Lic. No. CO 1338			
Croft, D. L.	C342	3 5 6 9	Spalding
Entrant—Gus Kuhn Motors Ltd., Lic. No. CO 1375			
Curry, F. J.	Z4260	4	Ruislip
Davies, P. K.	C0591	6 10	Broadway
Entrant—R. Slater, Lic. No. CO 1435			

DRIVER/ENTRANT	LIC. No.	EVENT	TOWN
Dawson, A. F.	Z10239	4	Sheffield
Entrant—Dresda Autos Ltd., Lic. No. CO 1362			
Dey, W. N.	Z10159	10	Hounsflow
Dickie, T.	Z7799	3 5 9	Little Bookham
Dickson, G. C.	Z9494	1	Staines
Ditchburn, B.	00632	4	N. Zealand
Drong, A.	Z5432	4	Northfleet
Duffell, I. A.	C720	10	Holland
Edwards, B. S.	Z6696	5 10	Dorking
Entrant—N. Gomm, Lic. No. CO 1391			
Evans, H. G.	N3120	6	London, N.15
Evans, J. C.	N3761	6	Biggin Hill
Falcke, G.	N511	6	Basildon
Findlay, J.	Z2865	10	St. Albans
Franks, J.	Z9769	3 5 9	Hatfield
Furman, R.	Z8169	1 4	Australia
Entrant—Gordon Motor Cycles, Lic. No. CO 481			
Geeson, L. A.	Z8185	10	Charmouth
Gibson, D. G.	C525	1 4 8	Southernham
Godfrey, A. M.	Z7445	3 5 6 9	Sutton Coldfield
Gooch, R. J.	Z7339	6	London, N.6
Gould, R. A.	N412	3 5 6 9	Southampton
Entrant—Triumph Engineering Co., Lic. No. CO 584			
Granath, B.	Z0222	3 5 9	Banbury
Green, G. F.	Z5929	6 10	Sweden
Gregory, C. J.	Z6030	4	Coventry
Guy, R.	C730	6	London, N.4
Heath, R.	Z6068	1 6 8 10	Coventry
Hedger, J. M.	C716	10	Walsall
Herrero, S. M.	Z7403	3 8 9	New Haw
Entrant—K. R. Jeal, Lic. No. CO 1380			
Hoppe, K. P. R.	Z5969	4	Spain
Horsham, P. R.	Z8645	10	Stockton
Hussey, B.	Z11049	10	Germany
Entrant—Sanby Motor Cycles, Lic. No. CO 526			
Inwood, K. F. H.	Z2384	10	Yatton
Entrant—Hersham Racing Service, Lic. No. CO 1414			
Jenkins, G. A.	Z3000	3 9	London, N.W.3
Entrant—R. Carley, Lic. No. CO 1399			
Jones, J. W.	Z7326	10	Stamborough
Kemp, B. M.	CO 1432	1 3 4 6 8 9	Hersham
Entrant—Five Star Special Equipe, Lic. No. C 386			
Knight, R. L.	Z7113	6 10	Elstree

DRIVER/ENTRANT	LIC. No.	EVENT	TOWN
Launchbury, F. W. J.	Z2620	4 8	New Malden
Entrant—Raynes Park Motor Cycles, Lic. No. CO 1410			
Lee, B. I. H.	00303	1 8	Southampton
Lewis, M. A.	Z10273	4	Harrow
Machine, S.	Z11122	1 8	Girsby
Maloney, P.	Z6809	1 3 5 6 8 9	Hainton
Entrant—BSA Motor Cycles Ltd., Lic. No. CO 1369 (Event 6 only)			
Entrant—Brackley Racing Engines, Lic. No. CO 1346			
Manship, A. E. Milne & Son, Lic. No. CO 1326			
Marsovszky, G.	Z5741	1 3 8 9	Switzerland
May, D. P.	Z 8918	5 10	Cove
Mayo, N.	Z7517	1 4 8	Canada
Miller, D.	Z8974	6 10	London, W.8
Entrant—Reg Allen Motor Cycles, Lic. No. CO 1365			
Mortimer, C. S.	Z7334	1 4 6 8	Shere
Mos, H.	Z7305	4	Holland
Newman, P. B.	Z8970	10	London, S.W.15
Entrant—Team Spirit Racing, Lic. No. CO 1374			
Nixon, D. J.	C230	3 6 9	New Addington
Entrant—Boyer of Bromley, Lic. No. CO 1387			
Offer, C.	Z10161	1 4 8 10	Caterham
Page, D. J.	Z11091	1 8	Newbury
Entrant—L. A. James, Lic. No. CO 489			
Palmer, D. J.	Z10280	10	Northchurch
Parker, N.	Z8884	10	Northchurch
Pickrell, R.	Z3610	3 5 6 9	Kenton
Entrant—Paul Dunstall Motor Cycles, Lic. No. CO 1400			
Pink, A. J.	Z5761	4 5	Wallingford
Entrant—Jim Pink Ltd., Lic. No. CO 1429			
Pinner, R. A. F.	Z10341	1 8	London, S.E.23
Pipps, R.	Z6751	1 8	Hull
Pladdy, L. S.	Z7414	1 8	Coventry
Porter, L. S.	Z8556	1 4 8	Spalding
Entrant—Porters Motors Ltd., Lic. No. CO 1379			
Rand'e, A.	Z7429	1 8	Croydon
Randle, B. J.	Z7392	3 5 9	Stourbridge
Read, P. W.	Z8988	10	Guernsey
Reid, K.	CO 1380		Hutton Rudby
Entrant—K. Jeal, Lic. No. CO 1380			
Rennie, R. J. F.	Z7313	1 8 9	Manchester
Ringwood, Tony Blain, Lic. No. CO 1413 (Event 4)			Hill
Robb, T. H.	Z6406	4 5 8	N. Ireland
Entrant—G. Brown, Lic. No. CO 1329			
Robinson, H. A.	N525	6	St. Albans
Robinson, H.	Z10155	10	Northampton
Entrant—A. Bennett, Lic. No. CO 1395			

DRIVER/ENTRANT	LIC. No.	EVENT	TOWN
Rutter, A.	Z8810	1 3 5 8 9	Stourbridge
Entrant—R. Priest, Lic. No. CO 1362			
Sanby, C. W.	Z8604	3 5 6 9	Hatfield
Entrant—Reg Kirby, Lic. No. CO 1371			
Sharp, G. W.	Z6710	5 6 10	Edware
Sheene, B.	Z11062	1 4 8	London, W.C.1
Entrant—F. Sheene, Lic. No. CO 1323			
Shorey, D. F.	Z2415	3 5 9	Banbury
Entrant—C. Oakley, Lic. No. CO 131			
Simmonds, D. A.	Z7422	1 4 5 8	Stanwell
Sims, N. A.	00321	10	St. Mary Cray
Smart, P. A.	Z9071	4	Thatcham
Smith, A. J.	C756	1 3 5 6 8 9	East Farleigh
Entrant—BSA Motor Cycles Ltd., Lic. No. CO 1369			
Smith, B. A.	Z5964	4	Kingshurst
Smith, B. A.	Z8950	1 8	Australia
Entrant—Brackley Racing Engines, Lic. No. CO 1436			
Smith, T. E.	N186	6	Northampton
Entrant—J. Browning, Lic. No. NE 1			
Spencer, S.	C258	6	Brize Norton
Entrant—BSA Motor Cycles Ltd., Lic. No. CO 1369			
Stasa, B.	Z6384	3 5 9	Birmingham
Stasny, F.	Z3606	3 5 8 9	Czechoslovakia
Tait, P. H.	Z2641	3 6 9	Meriden
Entrant—Triumph Engineering Co., Lic. No. CO 584			
Taylor, J.	C29	3 5 9	Gravesend
Entrant—K. Burns, Lic. No. CO 530			
Taylor, M.	Z10302	1 3 5 8 9	Ilford
Entrant—Broad Motors Ltd., Lic. No. CO 1364			
Thompson, C. P.	C182	6	Wallington
Tingley, B. S.	Z6813	10	Sanderstead
Uphill, M.	Z8605	6	Caerphilly
Entrant—Triumph Eng. Co., Lic. No. CO 584			
Van Aken, M.	Z7702	1 5 8 10	Holland
Walsh, P. J.	Z2797	1 4	Birmingham
Warrington, M. V.	Z3594	6	Walton on Thames
Weed, J.	Z11637	4	USA
Wiederhold, H.	Z10880	4 8	West Germany
Williams, J.	Z8554	10	Heswall
Williams, P. J.	C441	3 5 6 9	London, S.E.12
Entrant—Arler Bros. Ltd., Lic. No. CO 499			
Wolffdale, D.	Z10328	4	Warley
Entrant—Starr Engineering Co., Lic. No. CO 486			
Woods, S. V.	Z11028	1 8 10	London, N.W.9
Entrant—Rex Judd Ltd., Lic. No. CO 1384			
Young, G. C.	Z2767	1 8	London, N.W.8
Zanetta, A.	Z9231	4 5	Switzerland

THREE WHEELERS

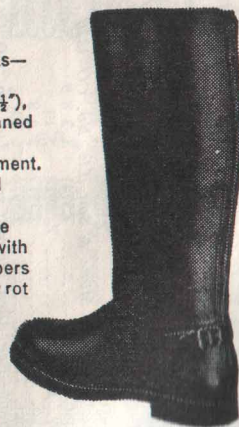
DRIVER/ENTRANT	LIC. No.	PASSENGER	LIC. No.	TOWN
Barwick, F.	Z6709	R. Wright	00640	Sidcup
Boret, G. R. L.	Z6614	N. A. Boret	Z6615	
Chapman, D.	Z10297	R. Marsh	Z10296	East Molesey
Entrant—Baldwin	Racing Developments, Lic. No. CO 13			Pinner
Cooper, W. E.	C64	D. B. Argent	C917	Littleover
Entrant—R.N.J.	Racing, Lic. No. CO 1336			
Enders, K.	1516	R. Englehardt	8678	W. Germany
Fath, H.	Z1455	W. Kalcauch	C1472	W. Germany
Fiddaman, M. G.	C132	Miss L. Broadly	00606	Colchester
Hanks, N.	Z7524	Mrs. R. Arnold	C731	Birmingham
Entrant—Fred Hanks	Motor Cycles, Lic. No. CO 1397			
Hanks, R.	Z6078	M. Lucas	Z8577	Birmingham
Entrant—Fred Hanks	Motor Cycles, Lic. No. CO 1397			Erith
Harris, A.	Z8828	B. Harris	Z7251	London, E.17
Hardcastle, P. J.	Z2570	P. Halliday	Z8834	
Entrant—Chuck	Customised Components, Lic. No. CO 1330			
Hawes, R. J.	C682	J. Mann	Z8622	Romford
Entrant—Reg Kirby	Lic. No. CO 1371			Holbeach
Horspole, M. E.	Z5888	J. Horspole	Z5903	
Entrant—Watson & Garwood Ltd.,	Lic. No. CO 1370			Marlborough
Keen, D.	Z7340	M. Wotherspoon	Z8439	
Entrant—Bob Webb	Racing Motors, Lic. No. CO 1324			Switzerland
Kurth, R.	5876	Miss D. Rowe	Z8673	Laleham
Plummer, D. L.	Z7328	M. Brett	Z7395	Alford
Entrant—M. Gomm, Lic. No. CO 253				
Rust, B.	Z7388	K. Carter	Z10185	Romford
Entrant—J. Bingham, Lic. No. CO 1376				
Sausun, A.	Z6057	A. MacFadzean	Z8854	W. Germany
Entrant—R. T. Quaffe	Engineering, Lic. No. CO 1366			Switzerland
Schauzu, S.	Z4066	H. Schneider	Z4067	Beeston
Schweizer, K.	11743	I. Hani		
Wallis, F.	Z5191	P. Liversidge	Z7399	
Entrant—H. E. Butler	Motor Cycles, Lic. No. CO 1431			

Built for the champion in you

STANDARD "HAILWOOD" UNLINED BOOT

Rain, petrol, oil, paraffin, hard wear, punishing starts—this is the boot that shrugs them all off... is *really* designed and built to stay the course. Extra long (16½"), the "Hailwood" is cut from heavyweight English tanned fully chromed hide and fitted with heavy duty rustless zip fastener, ankle strap and buckle adjustment. Special attention has been paid to the sole and heel which are of "KRYNAC" Nitrile compound—longlasting and resistant to heat and any fluid you're likely to encounter. Waist of the right boot is fitted with "welded in" cast steel patented kick start plate. Uppers are stitched throughout with "Terylene" heavy duty rot and corrosion resistant threads. One final point for extra comfort is that the dressed kip leather lined foot area is treated with an anti-perspirant.

From your usual supplier.



ashmans Ashman Bros., Paulton, Bristol

37th International Hutchinson 100

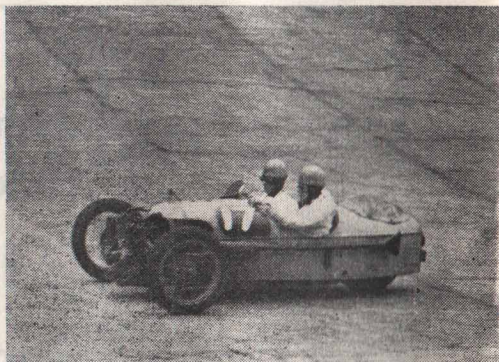
Foreword by The Editor of the Evening News

Motor cycle racing is as enthralling, exciting and entertaining today as ever it was. Patterns have changed, famous marques have departed from the scene, but today's drivers and their passengers, together with the splendid array of machines from many of the great motor cycling countries, show just how virile the sport remains.

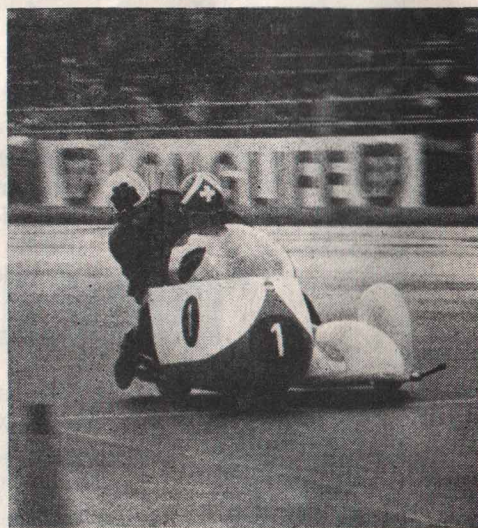
The fame of the Hutchinson 100 continues to draw to itself the foremost drivers of the day. Look through the field of competitors in the programme and you will see what I mean.

"Bemsee" celebrates its Diamond Jubilee this year — sixty glorious years of motor cycle racing. We of The Evening News join with the owners of Brands Hatch Circuit in wishing them a wonderful future. We are sure that today's "Hutch" will mark the occasion in a most fitting way.

IT'S the biggest prize in British motor cycle racing, and all that the winner is asked is will he fill it with champagne. It's the giant Mellano Trophy, ornate, made in silver. The winner today joins a very select band of men, many Champions of the World, whose names are inscribed on individual shields around the double deck plinth. There you will see Eric Oliver, Mike Hailwood, Bob McIntyre, Les Graham, John Hartle, Florian Camathias and Japan's Toshio Fujii. He proved one thing that you can win with a 50 cc as well as with a 500 cc. 'Motor Cycle' once described the Hutchinson 100 as the next best thing to a World Championship event — truly it can claim to be a classic of its kind. When it started at Brooklands on the 16th May 1925 it was run over 100 miles, or 37 laps making an exact mileage at the 50ft line of 102.37 miles — hence the '100' in the title. Mr. A. V. Mellano of the Hutchinson Tyre Company presented the Challenge Cup so giving birth to the Mellano Trophy we know today. It was then worth £200, today at least five times as much. Of the fifty-four starters F. A. Longman won the race starting at 6 min. 10 sec. from scratch. Scratch man really was scratch for he departed 28 min. 22 sec. after the first man got away. You could ride anything in 'The Hutch' during the 14 seasons from 1925 to 1938, up to a top limit of 1,000 cc. If a rider could stand the strain a race average of 90 mph for the 100 miles was possible, although the method of handicapping may have had something to do with the fact that only once was 'The Hutch' won at 100 mph average, by Les Archer in 1933. Handicapping was a source of frustration to the spectators who could never tell who was leading, and created difficulties for the riders and their pit crews, so much so that Eric Fernihough, the 1934 victor on a 173 cc Excelsior-JAP, rode the race with a lap speed and times conversion table strapped to his tank. Next year 'Ginger' Woods brought out a 'blown' New Imperial vee-twin of 500 cc, breaking the lap record on his third circuit at 115.82 mph only to have the bike succumb to the sustained agony of effort. Of course the World War put an end to 'The Hutch' for nine long years, for the last race was run in 1938 in which J. M. West, OBE — or more popularly Jock West — finished second on a 346 AJS, runner up for the fourth time in five years. So after the war with Brooklands out, Bemsee like everybody else had to find their footing in the strange civilian world. Indeed the Club itself



'HUTCH'



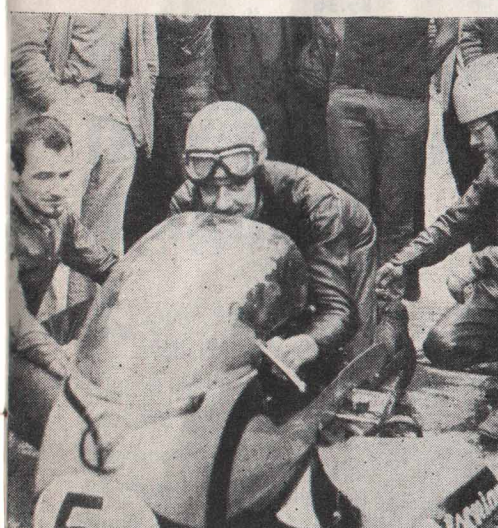
had to be constituted, which Sir Algeron Guinness and others, like Noel Pope and Harold Daniel, achieved in 1947. In that year the Hutchinson 100 took place at an RAF airfield, Dunholme Lodge near Lincoln; and again in 1949 before moving to another venue, Haddenham airfield in Bucks. It is strange to think that massed push starts were employed for the first time in this country, that stakes roped together separated riders from spectators; telescopic front forks, fairings, one piece leathers, full course public address systems were all either

Left: 'The Hutch' started at Brooklands where you could drive for hours on end at full throttle. Here H. C. Lones (Morgan) competes in a 1932 race.

Photograph by 'Motor Cycle'
Below left: First Foreign winner of the Mellano Trophy, Swiss ace, the late Florian Camathias winning his class with the Gilera-engined outfit at a cold Hutch in 1964.

Below: Aces from two eras: 1949/50 Sidecar World Champion team Eric Oliver and Denis 'Jenks' Jenkinson are briefed by Chris Vincent on his kneeler outfit before completing a fast lap of honour at the 1965 Hutchinson 100. Photograph by 'Motor Cycle'

HISTORY



unknown or only in their infancy. Body belts, ex-DR boots, clumsy horse-hide padded leathers made every one look clumsy, and the most common machines were Rudge, Excelsior, Norton, Velocette and New Imperial. Haddenham lasted one year before a 'new look' Hutch was run at Silverstone in the autumn of 1950 as an open meeting with changes in the handicapping and riders like Graham, Daniel, a very new Geoff Duke, George Brown, Freddie Frith and Dickie Dale. Then for year after year the Hutchinson took

place at Silverstone changing gradually as the scene in motor cycle racing itself changed. It became a full blooded international in 1952 and in 1953 the most important change of awarding the Mellano Trophy was instigated. It is based on the fact that every driver should have a chance regardless of class. The way this works is that the award goes to the driver whose average race speed exceeds or comes closest to the existing class lap record. Cecil Sandford managed the greatest margin of 6.18 mph and also became the only man to win the Mellano three times.

By 1963 sponsorship by the Daily Express showed the importance of the meeting, and with a national newspaper behind it, 'The Hutch' moved towards its unofficial status of a classic event. Still the top line names came — Camathias, Hailwood, Surtees, Redman, Read, Hartle and McIntyre.

In 1965 a display of the 'great stars' of the past produced many of them on the marques they helped make famous. The parade included Jock West (AJS), Bob Foster and Freddie Frith (Velocettes), Harold Daniel and Geoff Duke (Nortons) and Bill Doran on the 'Porcupine' — and it rained for them! In fact 'The Hutch' never seemed to be without rain, and on one occasion even sleet. A move from autumn to spring may have been the cause, but a change to an August date neatly slotted into the international calendar around the Ulster GP improved matters.

Silverstone was becoming too costly and we could only race on a Saturday when the people would not turn out in their tens of thousands. Start money too had increased from £25 for the MV to figures measured in hundreds of pounds. Brands Hatch, first discussed in 1964 became a reality in August 1966 after wrong way round tests in March of that year, followed by A-CU approval for this innovation. An innovation which ensured, amongst other things equality of opportunity for the ever growing international field which is such an attraction in racing today.

And so, up to date, with the Hutchinson 100 at Kent's famous racing circuit. Already the three 'Hutch's' run here have passed into history and by so doing added further laurels to the uniquely British event — The Hutchinson 100. Today, in one of the 12 Grandes Marques of quality champagne from the House of Louis Roederer the 1969 Mellano Trophy winner will toast you, the spectators, his fellow competitors and the world of two-wheeled sport at this the 37th in the series.

Past Winners of the Mellano Trophy

Year	Rider	Machine	mph	Circuit
1925	F. A. Longman	986 Harley Davidson	89.66	Brooklands
1926	C. S. Barrow	246 Royal Enfield J.A.P.	74.39	"
1927	H. J. Willis	348 Velocette	86.39	"
1928	P. Brewster	489 Matchless	93.52	"
1929	R. Gibson	347 Sunbeam	85.33	"
1930	H. Mitchell	348 Velocette	94.68	"
1931	J. M. Muir	348 Velocette	89.01	"
1932	C. B. Bickle	498 Bickell-J.A.P.	99.61	"
1933	L. J. Archer	348 Velocette	100.61	"
1934	E. C. Fernihough	173 Excelsior J.A.P.	82.18	"
1935	N. Christmas	348 Velocette	97.46	"
1936	S. H. Goddard	246 O.K.-Supreme	85.87	"
1937	W. R. Lunn	348 Velocette	87.68	"
1938	M. Cann	248 Excelsior	85.36	"
1947	L. R. Archer	248 E.M.C.	—	Dunholme
1948	L. Bayliss	248 Ellbee Special	—	"
1949	H. B. Ranson	348 A.J.S.	81.59	Silverstone
1950	C. J. H. Smith	596 Nor/Wat Sidecar	65.43	"
1951	E. S. Oliver	596 Nor/Wat Sidecar	77.31	"
1952	J. A. Storr	499 Norton	69.63	"
1953	C. C. Sandford	125 M.V.	6.18*	"
1954	R. McG. McIntyre	348 A.J.S.	4.51†	"
1955	C. J. H. Smith	499 Nor/Wat Sidecar	2.39*	"
1956	C. C. Sandford	124 Mondial	1.83*	"
1957	C. C. Sandford	124 Mondial	0.38†	"
1958	R. McG. McIntyre	349 A.J.S.	1.43†	"
1959	S. M. B. Hailwood	124 Ducati	2.40*	"
1960	S. M. B. Hailwood	250 Ducati	0.89†	"
1961	F. Camathias (Switz.)	492 B.M.W. Sidecar	1.38†	"
1962	J. A. Redman	250 Honda	2.92†	"
1963	J. A. Redman	250 Honda	0.61†	"
1964	C. J. Vincent	492 B.M.W. Sidecar	8.02†	"
1965	T. Fujii (Japan)	49 Suzuki	7.08*	"
1966	H. Anderson (N.Z.)	124 Suzuki	1.11†	Brands Hatch
1967	J. Hartle	650 Triumph T 120	1.77*	" "
1968	P. W. Read	250 Yamaha	0.22*	" "

* Above class lap record

† Below class lap record

Best thing I ever did was to switch away from Dunlop.

It taught me never to do it again!

Don't know when I'm well off. That's my trouble. Like when I thought I'd have a change from Dunlop. Couldn't get back to them fast enough. Made me realise why nearly every race champ rides on Dunlop. They've tried them all have those boys. So in future I'll be sticking to Dunlop like they do. Believe me, it pays!





The current leader of the World 250 Championship, Spain's Santiago Herrero and the OSSA make their debut in England at The Hutchinson 100.

Photograph by Mick Woollett

Right: World Champion for the 1968 125 and 250 classes Phil Read aboard the 350 Padgett Yamaha takes Quarter Bridge in the 1969 TT.

Photograph by Mick Woollett

Who's Who at The Hutchinson 100

BILL PAULSON
looks at today's entry

THE big question is who is going to win. With almost everybody who is anybody in the sport, with factory entries from Western and Eastern European countries, with riders from as far afield as Australia, Italy, Sweden and Czechoslovakia it is a very hard question to answer.

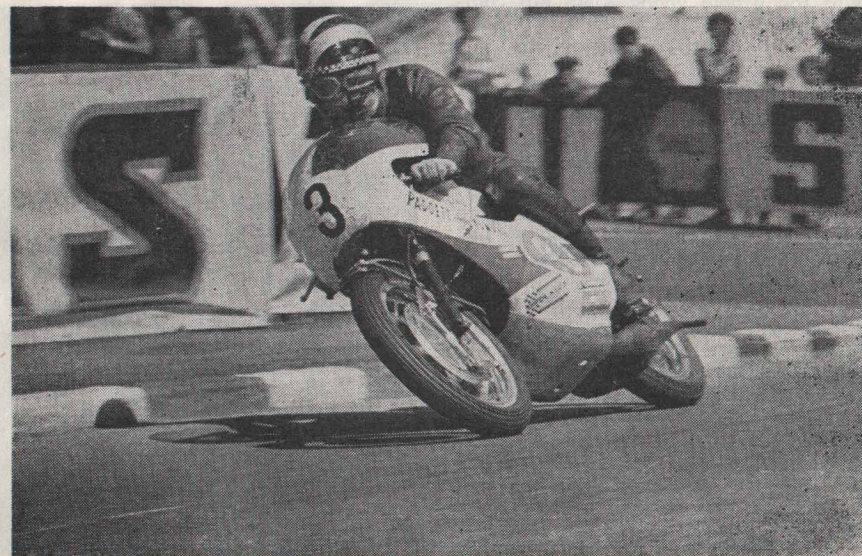
'Bemsee' have got together a unique entry, of that there is no doubt. Perhaps one of the most exciting tussles will occur when Phil Read the reigning World 250 Champion wheels out his Yamaha to oppose for the first time this season, the man who looks set to take the 250 World crown for 1969, Santiago Herrero of Spain with the Ossa. There will be plenty of sparks from this pair, I am sure. And plenty of sparks from the Kawasaki of Dave Simmonds, the Jawa of Frantisek Stastny and a whole horde of Yamahas in the hands of such experts as Tommy Robb, Paul Smart, Gyula Marsovszky, Charles Mortimer and Brian Kemp.

Dave Simmonds, who is Britain's only Champion for 1969 with six consecutive grands prix victories, is going to have a busy day. You will see him in action on the victorious 125 Kawasaki, on 250 and 350 models — four races in all. This is one of the attractions of The Hutchinson 100 for me, so many top liners riding in two or more races throughout the day.

If you imagine Britain is backward in powerful machines the advent of a race version of the new Triumph 3-cylinder in the hands of Percy Tait may prove

otherwise in the two legs of the Senior Championship for the Evening News Challenge Trophy. And what a line up in these two legs! Phil Read on the Yamaha, Stastny on a Jawa, Stasa on a CZ — the first time these two factories have competed in England. Jack Findlay, if he is fit, on the Italian factory Linto — another first for us English fans — Bo Granath on the Swedish Husqvarna, and giant-killer Rodney Gould, whose incredibly skilled riding this year has elevated him into the front rank. It is pleasant, too, to welcome back such 'Hutch' stalwarts as Gyula Marsovszky who has been a 'Hutch' regular for nearly a decade, on a Linto this time. Then amongst the Home Stars is Ray Pickrell the 1968 Production TT winner on the marque he has made his own, the Dunstall Dominator, those production machine experts Tony Smith, Martyn Ashwood, Mick Andrew, plus former British Champion Dave Croxford, 3rd placeman in the World 500 cc Championship Alan Barnett, and the man who scored a hat trick of 250 class wins in the North-west 200, John Blanchard. You will see this magnificent field of talent in action twice because the final tally of placings depends on an aggregate of scoring over the two legs.

Sustained entertainment, that's 'The Hutch.' The Production Race covers 20 exhausting laps in which only the finest riders and most carefully prepared machinery can win through. Last year Rodney Gould set up the fastest lap at



Who's Who — Continued

86.10 mph only a fraction over 4 seconds slower than Mike Hailwood's record. That was on a factory Triumph which Rodney will ride again as a member of the team. Winner was Ray Pickrell (Dunstall) so we have an almost identical set up to last year's thrill-packed event with Ray taking on the Triumph and BSA teams. With Rodney is 100 mph Production TT lap record holder and Production TT winner Malcolm Uphill (3rd last year here) and the 1966 winner John Cooper. Percy Tait will show you how well the 3 cylinder T150 can perform. The BSA Spitfire 2's of factory riders Steve Spencer, Pat Mahoney and Tony Smith (4th last year) are out to show you their mettle. Dealer entrants figure well in the list. Stan Shenton has entered Peter Butler and Dave Nixon, Tom Arter's man is Peter Williams, Gus Kuhn Motors have entered Mick Andrew and Dave Croxford and, of course, Paul Dunstall is the person behind the skilled Ray Pickrell. Given good conditions I expect to see the lap record fall.

The sidcar races mean the battle of the right-hand chairs of the Continentals against the left-hand mounted British outfits. Gerard and Nigel Boret who retired last year from racing just when they were reaching peak form make a once only appearance. Welcome back! World Champion Helmut Fath and passenger Wolfgang Kalcauch with the 750 URS which Helmut designed and constructed have a battle on their hands with the people giving them hot competition in the World League: Klaus Enders and Siegfried Schauzu both using BMW outfits. If you puzzle over the origin of the two CAT outfits they are 3 cylinder two-stroke Crescent marine engines which Horst Schneider and Kurt

Continued Overleaf

Above: World Champion Helmut Fath with his URS four cylinder sidcar who came close to winning the Mellano at last year's 'Hutch.'

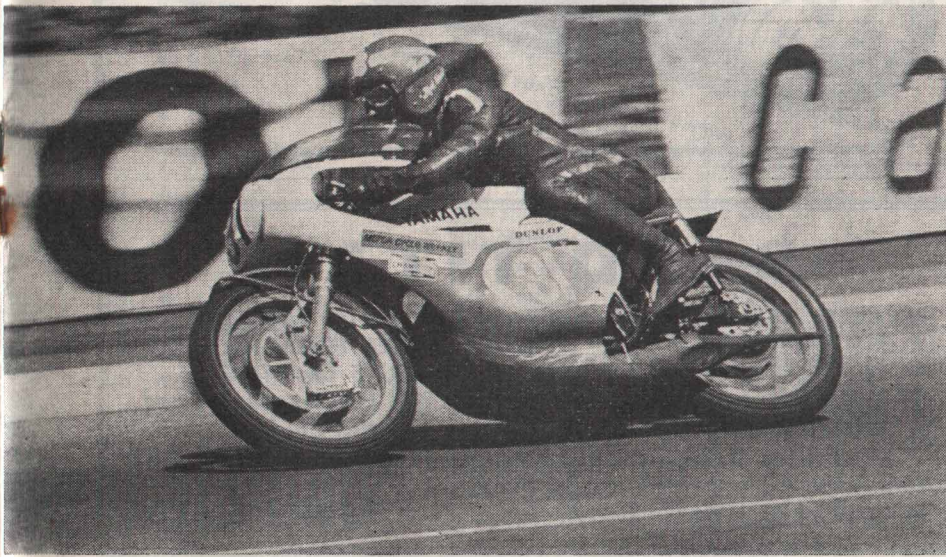
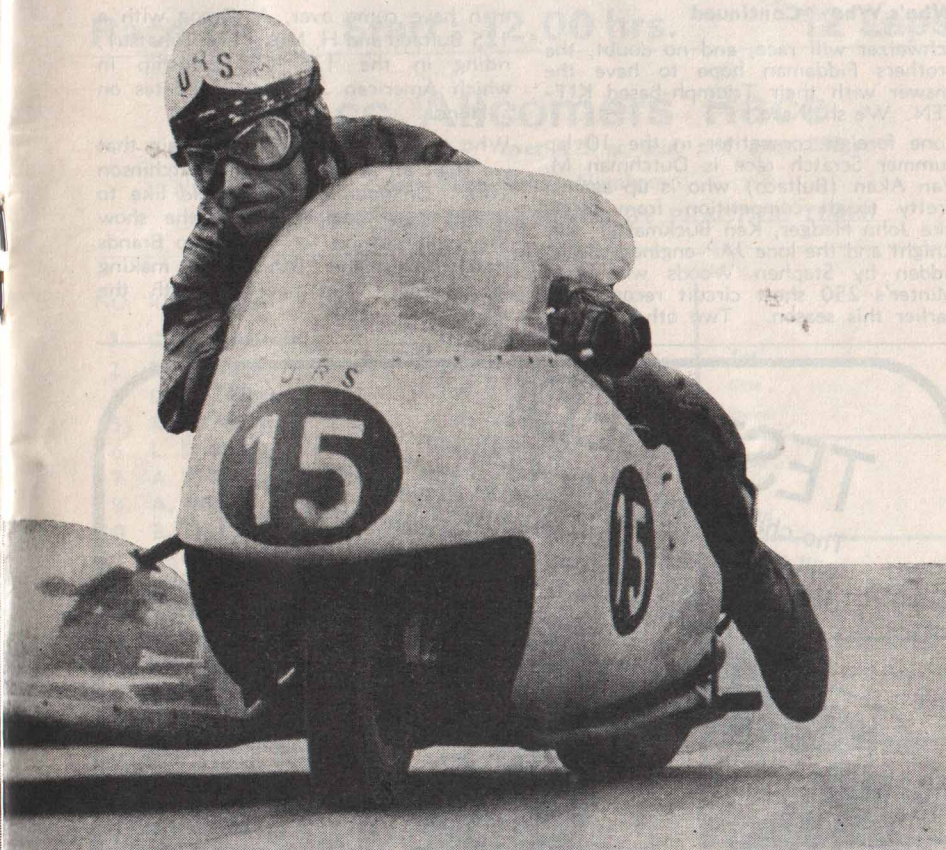
Photograph by 'Motor Cycle'

Right: Ray Pickrell — who staved off a tremendous challenge from the Triumph riders last year will again be astride the big Dunstall Norton.

Photograph by John Stoddart

Far right: Giant Killer, Rodney Gould at Bradden Bridge in the 1969 Junior TT. On a works Triumph in the 1968 'Hutch' he set up the fastest lap at 86.10 mph.

Photograph by Mick Woollett



Who's Who — Continued

Schweizer will race, and no doubt, the brothers Fiddaman hope to have the answer with their Triumph-based KIT-TEN. We shall see!


Lone foreign competitor in the 10 lap Summer Scratch race is Dutchman M. Van Aken (Bultaco) who is up against pretty tough competition from riders like John Hedger, Ken Buckmaster, Ray Knight and the lone JAP-engined special ridden by Stephen Woods who beat Minter's 250 short circuit record here earlier this season. Two other Dutch-

men have come over, A. Droog with a 125 Bultaco and H. Mos (124 Tohatsu), riding in the 125 Championship in which American J. Weed competes on a Honda.

Who ever wins today, I am certain that we shall all enjoy the 37th Hutchinson 100. On your behalf I would like to thank every competitor for the show they will put on for us and to Brands Hatch Circuit and 'Bemsee' for making it possible. So now on with the racing...

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The chances are that those who win races here today will owe part of their success to the superb quality of Hepolite pistons and piston rings. Like World champion Giacomo Agostini and a thousand other winners over the years. Because Hepolite have supplied more pistons and piston rings to more race winners than any other British manufacturer. And at meetings such as today's these products are tested and proved under the most arduous possible working conditions and the lessons learnt here add to the knowledge which is built into the whole range of Hepolite original equipment products.



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Race 1

Start : 12.00 hrs.

12 Laps

250 cc Allcomers Race

12 Lap Race for Solos — over 175 cc and not over 250 cc

Number Plates: Green Plate / White Numbers

GRID POSITIONS ARE DETERMINED BY PRACTICE TIMES

NO.	RIDER	cc	Machine
1	C. S. Mortimer	246	Yamaha
2	T. R. Carter	246	Yamaha
3	D. G. Gibson	247	Yamaha
5	R. F. Pladdys	246	Yamaha
6	L. S. Porter	247	Aermacchi
7	A. F. Pinnock	246	Yamaha
9	A. Randle	246	Yamaha
10	B. I. H. Lee	248	Aermacchi
11	M. Van Aken	244	Bultaco
12	P. A. Smart	247	Yamaha
14	M. Chatterton	246	Yamaha
15	S. V. Woods	246	Yamaha
16	R. Heath	246	Yamaha
17	D. J. Page	248	Bultaco
18	S. Machin	246	Yamaha
19	N. Mayo	246	Yamaha
20	T. A. Rutter	247	Yamaha
21	D. F. Degens	250	Ducati
22	B. Sheene	244	Bultaco
23	P. Mahoney	246	Bultaco/Yamaha
24	R. Pipes	246	Yamaha
25	M. Ashwood	250	Aermacchi
26	D. Chatterton	246	Chat Yamaha
27	C. Offer	248	Yamaha
28	B. A. Smith	246	Yamaha
29	G. C. Young	246	Royal Enfield
30	J. F. Ringwood	246	Broad Yamaha
31	R. Rennie	246	Yamaha
32	M. Carney	248	Shepherd Suzuki
33	B. M. Kemp	246	Yamaha
34	A. Manship	246	Yamaha
36	D. A. Simmonds	247	Kawasaki
39	G. Marsovszky	246	Yamaha
40	C. Carr	246	Yamaha
41	P. J. Walsh	249	Suzuki
Reserves			
42	G. Corbett	246	Yamaha
43	G. Franks	250	Bultaco
44	G. C. Dickson	249	Yamaha
45	A. Droog	246	Yamaha

1st
time
speed

2nd
time
speed

3rd
time
speed

4th
time
speed

5th
time
speed

6th
time
speed

7th

8th

FASTEST LAP

Lap Record :
W. D. IVY
(Yamaha)
1 m. 48.0 s.
at 88.33 mph

Race 2 **Start: 12.40hrs.** **12 Laps**

Sidecar Scratch Race

12 Lap Race for Sidecars — over 350 cc and not over 1300 cc

Number Plates: Black Plate/White Numbers

GRID POSITIONS ARE DETERMINED BY PRACTICE TIMES

NO.	RIDER	cc	Machine	1st time speed
1	H. Fath Pass.: W. Kalcauch	750	Urs	
2	K. Enders Pass.: R. Engelhardt	500	BMW	2nd time speed
3	S. Schauzu Pass.: H. Schneider	490	BMW	
4	R. Kurth Pass.: Miss D. Rowe	500	Cat	3rd time speed
5	K. Schweizer Pass.: T. Hani	500	Cat	
6	G. R. L. Boret Pass.: N. A. Boret	725	RGM Triumph	4th time speed
7	M. G. Fiddaman Pass.: Miss L. Broadly	650	MGF Kitten	
8	F. Wallis Pass.: P. N. Liversidge	650	Triumph	5th time speed
9	P. J. Hardcastle Pass.: T. Halliday	649	Chuck Triumph	
10	B. Rust Pass.: K. Carter	725	Bingham Triumph	6th time speed
11	A. J. Sansum Pass.: A. MacFadzean	649	Quaife Triumph	
12	W. E. Cooper Pass.: D. B. Argent	654	WEC IV	7th
14	R. Hanks Pass.: M. Lucas	654	BSA	
15	N. Hanks Pass.: Mrs. R. Arnold	670	BSA	8th
16	R. J. Hawes Pass.: J. Mann	500	Seeley	
17	M. E. Hörspole Pass.: J. Hörspole	650	Triumph	FASTEST LAP
18	D. Keen Pass.: M. Wotherspoon	998	Vincent	
22	F. Barwick Pass.: R. Wright	992	NSU	
Reserves				
19	D. Plummer Pass.: M. Brett	650	Kettle Triumph	Lap Record: 500 cc — H. FATH (Urs 67) 1 m. 57.4 s. at 81.26 mph
20	D. Chapman Pass.: R. Marsh	1000	Triumph	1300 cc — O. E. GREENWOOD (Mini Special) 1 m. 56.6 s. at 81.82 mph

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Race 3 Start : 13.15 hrs. 15 Laps

Senior Championship Race (1st leg) for The Evening News Challenge Trophy

15 Lap Race for Solos — over 175 cc and not over 1000 cc
Number Plates : 350 cc to 1000 cc — Yellow Plate/Black Numbers
250 cc to 350 cc — Blue Plate/White Numbers
175 cc to 250 cc — Green Plate/White Numbers

This race will be repeated as Event 9 at 17.00 hrs.

GRID POSITIONS ARE DETERMINED BY PRACTICE TIMES

NO.	RIDER	cc	Machine	
1	P. W. Read	350	Yamaha	1st
2	R. A. Gould	350	Yamaha	time
3	K. Hoppe	500	Urs	speed
4	F. Stastny	350	Moto Jawa	
5	B. Stasa	372	CZ	2nd
6	J. Findlay	500	Linto	time
7	B. Granath	496	Husqvarna	speed
8	S. Herrero	250	Ossa	
9	R. Pickrell	745	Dunstall	3rd
10	A. J. Barnett	496	Kirby Metisse	time
11	P. J. Williams	498	Arter Matchless	speed
12	P. A. Smart	745	Francis Norton	
14	D. L. Croxford	496	Kuhn Seeley	4th
15	M. Andrew	745	Kuhn Commando	time
16	D. F. Shorey	496	Oakley Matchless	speed
17	R. E. Butcher	500	Seeley	
18	J. Blanchard	496	Chuck Matchless	5th
19	R. C. Chandler	498	Seeley	time
20	T. A. Rutter	499	Norton	speed
21	D. F. Degens	650	Dresda	
22	T. Dickie	499	Petty Norton	6th
23	P. Mahoney	750	Curley Norton	time
24	J. Taylor	498	Matchless	speed
25	M. Ashwood	496	Arter Matchless	
26	D. Chatterton	350	Chat Yamaha	7th
27	B. J. Randle	499	Norton	time
28	C. Brown	496	Matchless	speed
29	C. W. Sanby	499	Norton	
30	J. F. Ringwool	348	Broad Yamaha	8th
	(1st Reserve)			
31	A. J. Smith	654	BSA	
32	M. Carney	349	Shepherd Suzuki	
	(2nd Reserve)			
33	B. M. Kemp	750	Curley Norton	FASTEST LAP
34	G. A. Jenkins	745	Curley Norton	
35	D. J. Nixon	750	Boyer Triumph	
36	P. H. Tait	750	Triumph	
37	K. Carruthers	350	Aermacchi	
38	A. M. Godfrey	499	Norton	
	(3rd Reserve)			
39	G. Marsovszky	500	Linto	
40	C. Carr	348	Yamaha	
	(4th Reserve)			

Lap Record :
175/1000 cc —
S. M. B. HAILWOOD
(Honda)
1 m. 46.6 s.
at 89.49 mph

BIG REPORT

AND ACTION-PACKED PHOTOS
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IN PADDOCK GOSSIP

BY JOHN BROWN



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Race 4 **Start : 13.55 hrs.** **12 Laps**

125 Championship Race

12 Lap Race for Solos — over 100 cc and not over 125 cc

Number Plates : Black Plate/White Numbers

GRID POSITIONS ARE DETERMINED BY PRACTICE TIMES

NO.	RIDER	cc	Machine	
1	D. A. Simmonds	124	Kawasaki	
2	B. Granath	125	MZ	
3	T. H. Robb	125	Bultaco	
4	A. Droog	125	Bultaco	
5	H. Mos	124	Tohatsu	1st
6	A. Zanetta	125	Bultaco	time
7	H. Wiederhold	125	Maico	speed
8	M. Carney	124	Shepherd	
9	F. W. J. Launchbury	125	Bultaco	2nd
10	P. R. Horsham	124	Tohatsu	time
11	R. A. Avery	124	EMC	speed
12	D. G. Gibson	124	Villa	
14	L. S. Porter	125	Honda	3rd
15	M. A. Lewis	125	Honda	time
16	C. S. Mortimer	125	Villa	speed
17	B. M. Kemp	125	Maico	
18	D. Wolfindale	124	Starr	4th
19	C. J. Gregory	124	Honda	time
20	J. Pink	124	Tohatsu	speed
21	S. Machin	124	Bultaco	
22	C. Offer	124	Honda	5th
23	A. Dawson	124	Bultaco	time
24	N. Mayo	124	Bultaco	speed
25	B. Sheene	124	Bultaco	
26	R. J. Gooch	124	White BSA	6th
27	J. Weed	124	Honda	time
28	P. J. Walsh	125	Bultaco	speed
29	B. Smith	124	Derbi	
30	G. Corbett	125	Bultaco	7th
31	F. J. Curry	124	Honda	
32	G. Franks	125	Bultaco	
33	J. F. Ringwood	125	MZ	
34	N. A. Sims	125	Honda	
35	K. Carruthers	125	Aermacchi	
				8th
				FASTEST LAP
				Lap Record :
				W. D. IVY
				(Yamaha)
				1 m. 54.6 s.
				at 83.25 mph

Race 5 **Start : 14.30 hrs.** **10 Laps**

350 Allcomers Race

10 Lap Race for Solos — over 250 cc and not over 350 cc

Number Plates : Blue Plate/White Numbers

GRID POSITIONS ARE DETERMINED BY PRACTICE TIMES

NO.	RIDER	cc	Machine	
1	P. W. Read	350	Yamaha	
2	R. A. Gould	350	Yamaha	
3	T. H. Robb	350	Aermacchi	
4	F. Stastny	350	Moto Jawa	
5	B. Stasa	346	CZ	
6	J. Findlay	350	Yamaha	1st
7	B. Granath	344	Husqvarna	time
8	A. M. Godfrey	350	Yamaha	speed
9	R. Pickrell	344	Aermacchi	
10	A. J. Barnett	349	Kirby Metisse	2nd
11	P. J. Williams	350	Arter AJS	time
12	P. A. Smart	350	Yamaha	speed
14	D. L. Croxford	348	Kuhn Seeley	
15	M. Andrew	348	Kuhn Seeley	3rd
16	D. F. Shorey	344	Aermacchi	time
17	R. E. Butcher	350	Seeley	speed
18	J. Blanchard	348	Chuck AJS	
19	R. C. Chandler	348	Seeley	4th
20	T. Rutter	349	Yamaha	time
21	D. F. Degens	350	Ducati	speed
22	T. Dickie	348	Petty Norton	
23	P. Mahoney	344	Aermacchi	5th
24	J. Taylor	344	Aermacchi	time
25	M. Ashwood	349	AJS	speed
26	D. Chatterton	350	Chat Yamaha	
27	B. J. Randle	348	Norton	6th
28	C. Brown	348	Norton	time
29	C. W. Sanby	349	AJS	speed
	(1st Reserve)			
30	J. F. Ringwood	348	Broad Yamaha	
	(2nd Reserve)			
31	A. J. Smith	350	BSA	7th
	(3rd Reserve)			
32	M. Carney	350	Shepherd Kawasaki	
33	C. M. Hopes	350	Norton	
34	G. W. Sharp	350	Aermacchi	
35	B. S. Edwards	349	Kettle Norton	
36	D. A. Simmonds	349	Kawasaki	
37	D. P. May	348	Petty Norton	
38	A. Zanetta	350	Drixton Aermacchi	
39	M. Van Aken	348	Bultaco	
40	J. Pink	350	Pink Yamaha	
	(4th Reserve)			
				8th
				FASTEST LAP
				Lap Record :
				S. M. B. HAILWOOD
				(Honda)
				1 m. 48.0 s.
				at 88.33 mph

Race 6 Start: 15.00 hrs. 20 Laps

Production Sports Machine Race

20 Lap Race for production sports machines

over 175 cc and not over 1000 cc

Number Plates: 175 cc to 250 cc — Green Plate/White Numbers

250 cc to 500 cc — Yellow Plate /Black Numbers

500 cc to 1000 cc — Red Plate/White Numbers

GRID POSITIONS ARE DETERMINED BY PRACTICE TIMES

NO.	RIDER	Machine	Year
1	M. Uphill	Triumph T120	1969
2	R. A. Gould	Triumph T120	1969
3	S. Spencer	BSA Spitfire 2	1969
4	R. Heath	Triumph T120	1968
5	R. V. Bowring	Triumph T120	1968
6	R. P. Guy	Triumph T100T	1967
7	R. L. Knight	Triumph T100T	1967
8	G. F. Green	Triumph T100T	1967
9	R. Pickrell	Dunstall Norton	1968
10	A. M. Godfrey	Norton 88	1964
11	P. J. Williams	N'ton Commando	1969
12	P. A. Smart	N'ton Commando	1969
14	D. L. Croxford	N'ton Commando	1969
15	M. Andrew	N'ton Commando	1969
16	J. H. Cooper	Triumph T120	1969
17	R. E. Butcher	BSA Spitfire 2	1968
18	J. Blanchard	N'ton Commando	1969
19	M. V. Warrington	Triumph T100T	1967
20	G. Carter	Triumph T120R	1965
21	D. F. Degens	Triumph T120	1966
22	P. K. Davies	Triumph T120	1966
23	P. Mahoney	BSA Spitfire 2	1967
24	K. G. Buckmaster	Triumph T120	1966
25	M. Ashwood	Triumph T120	1969
26	P. A. Butler	Triumph T120	1969
27	C. S. Mortimer	Ducati Mach 3	1969
28	J. C. Evans	Montesa Impala	1969
29	C. W. Sanby	Triumph T120	1965
30	C. P. Thompsett	Ducati Mach 1	1965
31	A. J. Smith	BSA Spitfire 2	1967
32	H. A. Robertson	Triumph T100T	1967
33	B. M. Kemp	Triumph T120R	1968
34	G. W. Sharp	Triumph T120	1968
35	D. J. Nixon	Triumph T100T	1969
36	P. H. Tait	Triumph T150	1969
Reserves			
37	T. E. Smith	Norton Atlas	1968
38	D. Miller	BSA Cyclone	1965
39	G. Falcke	Triumph T100T	1967
40	H. G. Evans	BSA A50	1968

1st
time
speed

2nd
time
speed

3rd
time
speed

4th
time
speed

5th
time
speed

6th
time
speed

7th

8th

FASTEST LAP

Lap Record :

R. A. GOULD
(Triumph T120)
1 m. 50.8 s.
at 86.10 mph

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— that's what we are.
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like yours and the ones out there on the track.

We solve problems too.

Like making sure oil pressures stay steady,
even when you're really motoring for hours at a time.



REDEX LIMITED CHISWICK LONDON W4



GOLD CROSS
OIL
keeps up the pressure



Sidecar Championship Race

12 Lap Race for Sidecars — over 350 cc and not over 750 cc

Number Plates: Black Plate/White Numbers

GRID POSITIONS ARE DETERMINED BY PRACTICE TIMES

NO.	RIDER	cc	Machine	
1	H. Fath Pass.: W. Kalcauch	750	Urs	
2	K. Enders Pass.: R. Engelhardt	500	BMW	
3	S. Schauxu Pass.: H. Schneider	560	BMW	
4	R. Kurth Pass.: Miss D. Rowe	500	Cat	1st time speed
5	K. Schweizer Pass.: T. Hani	500	Cat	2nd time speed
6	G. R. L. Boret Pass.: N. A. Boret	725	RGM Triumph	3rd time speed
7	M. G. Fiddaman Pass.: Miss L. Broadley	650	MGF Kitten	4th time speed
8	F. Wallis Pass.: P. N. Livesside	650	Triumph	5th time speed
9	P. J. Hardcastle Pass.: T. Halliday	649	Chuck Triumph	6th time speed
10	B. Rust Pass.: K. Carter	725	Bingham Triumph	7th
11	A. J. Sansnm Pass.: A. MacFadzean	649	Quaife Triumph	8th
12	W. E. Cooper Pass.: D. B. Argent	654	WEC IV	FASTEST LAP Lap Record : 500/750 cc — H. FATH (Urs 67) 1 m. 57.4 s. at 81.26 mph
14	R. Hanks Pass.: M. Lucas	654	BSA	
15	N. Hanks Pass.: Mrs. R. Arnold	670	BSA	
16	R. J. Hawes Pass.: J. Mann	500	Seeley	
17	M. E. Horspole Pass.: J. Horspole	650	Triumph	
18	D. Keen Pass.: M. Wotherspoon	649	Triumph	
19	D. Plummer Pass.: M. Brett	650	Kettle Triumph	
	Reserves			
20	D. Chapman Pass.: R. Marsh	654	Triumph	
21	A. Harris Pass.: B. Harris	649	Triumph	

250 Championship Race

12 Lap Race for Solos — over 175 cc and not over 250 cc

Number Plates: Green Plate/White Numbers

GRID POSITIONS ARE DETERMINED BY PRACTICE TIMES

NO.	RIDER	cc	Machine	
1	C. S. Mortimer	246	Yamaha	
2	T. R. Carter	246	Yamaha	
3	D. G. Gibson	247	Yamaha	
4	F. Stastny	250	Moto Jawa	
5	R. F. Pladdys	246	Yamaha	
6	L. S. Porter	248	Aermacchi	
7	A. F. Pinnock	246	Yamaha	1st time speed
8	S. Herrero	250	Ossa	
9	A. Randle	246	Yamaha	
10	B. I. H. Lee	248	Aermacchi	2nd time speed
11	M. Van Aken	246	Bultaco	
12	P. A. Smart	247	Yamaha	
14	M. Chatterton	246	Yamaha	
15	S. V. Woods	246	Yamaha	
16	R. Heath	246	Yamaha	
17	D. J. Page	248	Bultaco	3rd time speed
18	S. Machin	246	Yamaha	
19	N. Mayo	246	Yamaha	
20	T. Rutter	247	Yamaha	
21	D. F. Degens	250	Ducati	4th time speed
22	B. Sheene	244	Bultaco	
23	P. Mahoney	246	Bultaco/Yamaha	
24	R. Pipes	246	Yamaha	5th time speed
25	M. Ashwood	250	Aermacchi	
26	D. Chatterton	246	Chat Yamaha	
27	C. Offer	248	Yamaha	
28	B. A. Smith (1st Reserve)	246	Yamaha	6th time speed
29	G. C. Young (2nd Reserve)	246	Royal Enfield	
31	R. Rennie (3rd Reserve)	246	Yamaha	7th
32	M. Carney	248	Shepherd Suzuki	
33	B. M. Kemp	246	Yamaha	
34	A. Manship (4th Reserve)	246	Yamaha	8th
35	H. Wiederhold	250	Yamaha	FASTEST LAP Lap Record : W. D. IVY (Yamaha) 1 m. 48.0 s. at 88.33 mph
36	D. A. Simmonds	247	Kawasaki	
37	T. H. Robb	246	Yamaha	
38	F. J. W. Launchbury	247	Bultaco	
39	G. Marsovszky	250	Yamaha	
40	C. Carr	247	Yamaha	
46	P. W. Read	250	Yamaha	

Race 9 Start: 17.00 hrs. 15 Laps

Senior Championship Race (Final Leg) for the Evening News Challenge Trophy

15 Lap Race for Solos... — ...over 175 cc and not over 1000 cc

Number Plates: 350 cc to 1000 cc — Yellow Plate/Black Numbers

250 cc to 350 cc — Blue Plate/White Numbers

175 cc to 250 cc — Green Plate/White Numbers

GRID POSITIONS ARE DETERMINED BY PRACTICE TIMES

NO.	RIDER	cc	Machine	
1	P. W. Read	350	Yamaha	1st
2	R. A. Gould	350	Yamaha	time
3	K. Hoppe	500	Urs	speed
4	F. Stastny	350	Moto Jawa	2nd
5	B. Stasa	372	CZ	time
6	J. Findlay	500	Linto	speed
7	B. Granath	496	Husqvarna	3rd
8	S. Herrero	250	Ossa	time
9	R. Pickrell	745	Dunstall	speed
10	A. J. Barnett	496	Kirby Metisse	4th
11	P. J. Williams	498	Arter Matchless	time
12	P. A. Smart	745	Francis Norton	speed
14	D. L. Croxford	496	Kuhn Seeley	5th
15	M. Andrew	745	Kuhn Commando	time
16	D. F. Shorey	496	Oakley Matchless	speed
17	R. E. Butcher	500	Seeley	6th
18	J. Blanchard	496	Chuck Matchless	time
19	R. C. Chandler	498	Seeley	speed
20	T. Rutter	499	Norton	7th
21	D. F. Degens	650	Dresda	time
22	T. Dickie	499	Petty Norton	speed
23	P. Mahoney	750	Curley Norton	8th
24	J. Taylor	498	Matchless	FASTEST LAP
25	M. Ashwood	496	Arter Matchless	Lap Record :
26	D. Chatterton	350	Chat Yamaha	175/1000 cc —
27	B. J. Randle	499	Norton	S. M. B. HAILWOOD
28	C. Brown	496	Matchless	(Honda)
29	C. W. Sanby	499	Norton	1 m. 46.6 s.
30	J. F. Ringwood	348	Broad Yamaha	at 89.49 mph
	(1st Reserve)			
31	A. J. Smith	654	BSA	
32	M. Carney	349	Shepherd Suzuki	
	(2nd Reserve)			
33	B. M. Kemp	750	Curley Norton	
34	G. A. Jenkins	745	Curley Norton	
35	D. J. Nixon	750	Boyer Triumph	
36	P. H. Tait	750	Triumph	
37	K. Carruthers	349	Aermacchi	
38	A. M. Godfrey	499	Norton	
	(3rd Reserve)			
39	G. Marsovszky	500	Linto	
40	C. Carr	348	Yamaha	
	(4th Reserve)			

Race 10 Start: 17.45 hrs. 10 Laps

Summer Scratch Race

10 Lap Race for Solos — over 350 cc and not over 1000 cc

Number Plates: Yellow Plate/Black Numbers

GRID POSITIONS ARE DETERMINED BY PRACTICE TIMES

NO.	RIDER	cc	Machine	
41	J. M. Hedger	649	Kilbourn Metisse	1st
42	G. F. Green	500	Triumph	time
43	C. M. Hopes	649	Triumph	speed
44	J. W. Jones	706	RPM Triumph	2nd
45	R. L. Knight	649	Hughes Triumph	time
46	G. W. Sharp	500	Norton	speed
47	B. S. Edwards	499	Kettle Norton	3rd
48	D. P. May	499	Petty Norton	time
49	P. B. Newman	648	Dresda Triton	speed
50	K. F. H. Inwood	597	Norton	4th
51	C. A. Chivers	875	Shrimpton	time
52	D. Filler	499	Norton	speed
53	P. A. Butler	650	Boyer Triumph	5th
54	N. Palmer	496	Matchless Metisse	time
55	K. G. Buckmaster	650	Triumph	speed
56	P. K. Davies	998	Egli Vincent	6th
57	D. J. Palmer	496	Matchless	time
58	B. Hussey	496	Matchless	speed
59	P. Humber	498	Konig	7th
60	B. S. Tingley	649	Triumph Norton	time
61	R. Fursman	499	Norton	speed
62	W. N. Dey	650	BMF Metisse	8th
63	J. Williams	496	Lindsay Matchless	
64	R. Simmonds	664	SMT	
65	P. Cott	499	Norton	
66	H. Robinson	700	Triumph	
67	B. Ditchburn	650	Triton	
68	D. Cash	497	Norton	
69	M. Van Aken	360	Bultaco	
70	A. T. Cooper	646	Norton	
71	R. W. Corbett	647	Norton	
72	I. A. Duffell	499	Kettle Norton	
73	L. A. Geeson	745	Norton	
74	S. V. Woods	498	EWS	
75	R. Heath	499	Norton	
	Reserves			
76	B. G. Adams	499	Norton	
77	C. Offer	498	Seeley	
78	K. Redfern	745	Norton	
79	D. Miller	649	TNS	

BRANDS HATCH 1969 FIXTURE LIST

DATE	EVENT	ORGANISER	RACES	CHARGES	
17 Aug.	Amasco Cup Car Meeting	Start : 14.30	BARC	F3, FF, PS, T	10/-A, 5/-C, 5/-P, SF
23 Aug.	Clubman's Motor Cycle Races	Start : 14.30	Southern 67	All classes	7/6A, 5/-C, Rovers
24 Aug.	Clubman's Car Races	Start : 14.30	MMKMC	FL, FF, GT, PS, T	10/-A, 5/-C, Rovers
30 Aug.	*Guards International Practice	Start : 10.00	BRSCC	S4, F3, T5	5/-A, CF, Rovers
31 Aug.	Stock Car Grand Prix	Start : 15.00	RCDMC and Promotasport	Stock Cars, Hot Rods	10/-A, 2/6C, 5/-S
1 SEPT.	*GUARDS INTERNATIONAL CAR RACES	Start : 12.30	BRSCC	S4, F3, T5	15/-A, 5/-C, 15/-S, 20/-S, 10/-OS, 20/-P
7 Sept.	Clubman's Car Races	Start : 14.30	BARC (S.E.)	FL, FF, FV, GT, PS, T	10/-A, 5/-C, Rovers
13 Sept.	Clubman's Motor Cycle Races		BMCRC	All Classes	7/6A, CF, Rovers
14 Sept.	Dartford Cup Car Races		MMKMC	F3, FF, GT, PS, T	10/-A, 5/-C, 5/-P, SF
21 Sept.	Clubman's Car Races		Sevenoaks DMC	FL, FF, FV, PS, T	10/-A, 5/-C, Rovers
27 Sept.	Clubman's Motor Cycle Races		Brands R.C.	All Classes	7/6A, CF, Rovers
28 SEPT.	*GUARDS GRAND PRIX CIRCUIT 5000 NATIONAL CAR RACES		BRSCC	F5000 FF, GT, PS, T	12/6A, 5/-C, 10/-S, 5/-OS, 10/-P
5 Oct.	*EVENING NEWS INTERNATIONAL MOTOR CYCLE RACE OF THE SOUTH		BRANDS R.C.	ALL CLASSES	12/6A, 5/-C, 10/-S, 5/-OS, 10/-P
11 Oct.	Clubman's Motor Cycle Races		Brands R.C.	All Classes	7/6A, CF, Rovers
12 Oct.	Champion of Kent Stock Car Races		RCDMC and Promotasport	Stock Cars, Hot Rods	10/-A, 2/6C, 5/-S
12 Oct.	Sprint Meeting		E. Surrey M.C.	S, GT, PS, T	5/-A, CF, Rovers
18 Oct.	*Guards Motor Show 200 Practice		BARC	T5, F3, Hist.	5/-A, CF, Rovers
19 OCT.	*GUARDS INTERNATIONAL MOTOR SHOW 200 CAR RACES		BARC	T5, F3, Hist.	15/-A, 5/-C, 10/-S, 5/-OS, 10/-P
26 Oct.	Clubman's Car Races		BRSCC	F3, FF, GT, PS, T, C	10/-A, 5/-C, Rovers
2 Nov.	Clubman's Car Races		Surrey SMC	FF, FL, GT, PS, T, C	10/-A, 5/-C, Rovers
9 Nov.	£700 Redex Trophy Car Races		Sevenoaks DMC	F3, FF, PS, T	10/-A, 5/-C, 5/-P, SF
16 Nov.	Clubman's Car Races		TEAC	FF, GT, PS, T, C, F4	10/-A, 5/-C, Rovers
23 Nov.	Clubman's Car Races		Romford ECC	FL, FF, GT, PS, T	10/-A, 5/-C, Rovers
30 Nov.	Les Leston Car Races		London M.C.	FL, FF, GT, PS, T	10/-A, 5/-C, 5/-P, SF
7 Dec.	Longbridge Cup Car Races		Mini-7 Club	FL, PS, T	10/-A, 5/-C, 5/-P, SF
14 Dec.	Sprint Race Meeting		Tunbridge WMC	FF, GT, PS, T	5/-A, CF, Rovers
27 DEC.	GUARDS CHRISTMAS 5000 NATIONAL CAR RACES		BRSCC	F5000, FF, GT, PS, T	12/6A, 5/-C, 10/-S, 5/-OS, 10/-P
28 Dec.	Yuletide Motor Cycle Races		Brands R.C.	All Classes	10/-A, 5/-C, 5/-S, 2/6OS, 10/-P

KEY
Races: F1—Formula One. F5000—Formula 5000 FL—Formule Libre. F3—Formula 3. F4—Formula 4. FV—Formula V. FF—Formula Ford. Hist.—Historic Racing Cars. S6—Group 6 Sports Prototype. S4—Group 4 Sports. GT—Special Grand Touring (Club-type). PS—Production Sports (Club-type or marque cars.) C—Clubman's Sports. T5—Group 5 Saloon. T—Saloon Cars (Club-type). 750—750 Formula Mono—Monoposto Formula.
Charges: A—Adults. C—Children. CF—Children Free. S—Covered Seats. OS—Open Seats or Stands. SF—Stands Free. P—Paddock. ROVERS—Stands and Paddock Free. **ALL PARKING FREE**
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BRANDS HATCH LAP SPEED TABLE

1 Lap = 2.65 Miles

TIME M. S.	SPEED m.p.h.	TIME M. S.	SPEED m.p.h.	TIME M. S.	SPEED m.p.h.	TIME M. S.	SPEED m.p.h.	TIME M. S.	SPEED m.p.h.
.8	73.50	.8	78.33	.8	83.83	.8	90.17	.8	97.55
.6	73.61	.6	78.45	.6	83.98	.6	90.34	.6	97.75
.4	73.72	.4	78.58	.4	84.13	.4	90.51	.4	97.95
.2	73.84	.2	78.71	.2	84.28	.2	90.68	.2	98.15
2/09.0	73.95	2/01.0	78.84	1/53.0	84.42	1/45.0	90.86	1/37.0	98.35
.8	74.07	.8	78.97	.8	84.57	.8	91.03	.8	98.55
.6	74.18	.6	79.10	.6	84.72	.6	91.20	.6	98.76
.4	74.30	.4	79.24	.4	84.87	.4	91.38	.4	98.96
.2	74.41	.2	79.37	.2	85.03	.2	91.55	.2	99.17
2/08.0	74.53	2/00.0	79.50	1/52.0	85.18	1/44.0	91.73	1/36.0	99.37
.8	74.65	.8	79.63	.8	85.33	.8	91.91	.8	99.58
.6	74.76	.6	79.77	.6	85.48	.6	92.08	.6	99.79
.4	74.88	.4	79.90	.4	85.64	.4	92.26	.4	100.00
.2	75.00	.2	80.03	.2	85.79	.2	92.44	.2	100.21
2/07.0	75.12	1/59.0	80.17	1/51.0	85.95	1/43.0	92.62	1/35.0	100.42
.8	75.24	.8	80.30	.8	86.10	.8	92.80	.8	100.68
.6	75.35	.6	80.44	.6	86.26	.6	92.98	.6	100.85
.4	75.47	.4	80.57	.4	86.41	.4	93.16	.4	101.06
.2	75.59	.2	80.71	.2	86.57	.2	93.35	.2	101.27
2/06.0	75.71	1/58.0	80.84	1/50.0	86.73	1/42.0	93.53	1/34.0	101.49
.8	75.83	.8	80.98	.8	86.88	.8	93.71	.8	101.71
.6	75.96	.6	81.12	.6	87.04	.6	93.90	.6	101.92
.4	76.08	.4	81.26	.4	87.20	.4	94.08	.4	102.14
.2	76.20	.2	81.40	.2	87.36	.2	94.27	.2	102.36
2/05.0	76.32	1/57.0	81.54	1/49.0	87.52	1/41.0	94.45	1/33.0	102.58
.8	76.44	.8	81.68	.8	87.68	.8	94.64	.8	102.80
.6	76.56	.6	81.82	.6	87.84	.6	94.83	.6	103.02
.4	76.69	.4	81.96	.4	88.01	.4	95.02	.4	103.25
.2	76.81	.2	82.10	.2	88.17	.2	95.21	.2	103.47
2/04.0	76.93	1/56.0	82.24	1/48.0	88.33	1/40.0	95.40	1/32.0	103.70
.8	77.06	.8	82.38	.8	88.50	.8	95.59	.8	103.92
.6	77.18	.6	82.53	.6	88.66	.6	95.78	.6	104.15
.4	77.31	.4	82.67	.4	88.83	.4	95.98	.4	104.38
.2	77.43	.2	82.81	.2	88.99	.2	96.17	.2	104.60
2/03.0	77.56	1/55.0	82.96	1/47.0	89.16	1/39.0	96.36	1/31.0	104.84
.8	77.69	.8	83.10	.8	89.33	.8	96.56	.8	105.07
.6	77.81	.6	83.25	.6	89.49	.6	96.75	.6	105.30
.4	77.94	.4	83.39	.4	89.66	.4	96.95	.4	105.53
.2	78.07	.2	83.54	.2	89.83	.2	97.15	.2	105.76
2/02.0	78.20	1/54.0	83.68	1/46.0	90.00	1/38.0	97.35	1/30.0	106.00

$$\text{SPEED (in m.p.h.)} = \frac{2.65 \times 3600 \times \text{No. of laps}}{\text{TIME (in seconds)}}$$