TOURIST TROPHY RACE

SUPER PLUS

AUGUST 30, 1963 AUGUST 30, 1963 2/-EVERY FRIDAY Vol. 27 No. 9 BRITAIN'S MOTOR SPORTING WEEKLY

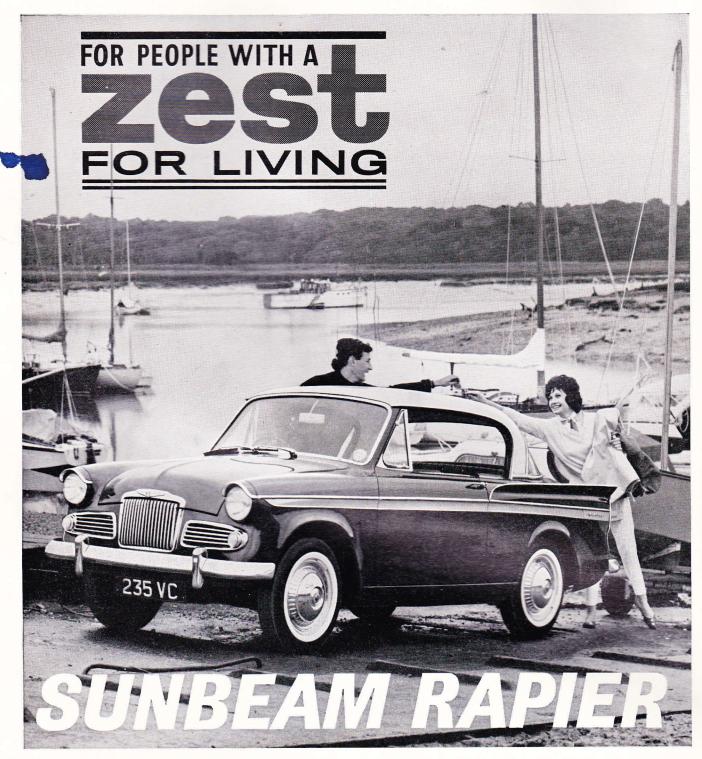
AUTOSPORT

SUPER-PLUS



IN THIS ISSUE

ZOLDER GRAND PRIX : CLUB RACING AT OULTON PARK AND SNETTERTON ROAD TEST OF THE AUSTIN MINI-COOPER S : SHELSLEY WALSH HILL-CLIMB **AUTOSPORT**



Some people have a zest for living. For such people, Rootes build the Sunbeam Rapier. Rakish and sporty in styling, it has a luxuriously comfortable interior. A 1.6 litre engine provides the 'go', front disc brakes provide the 'stop'. It handles beautifully — has all the pep, power and performance of a sports car. And is thoroughly reliable — has won the world's toughest rallies, time and again. If you want a car that's pure pleasure to drive, ask any Rootes Dealer for a demonstration.

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AUTOSPORT

BRITAIN'S MOTOR SPORTING WEEKLY

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Contents

- 279 Pit and Paddock
- 280 Sports News
- 282 Seven-Fifty M.C. and Chester M.C. Oulton Park Race Meeting
- 284 Patrick McNally Tests the Austin Mini-Cooper S
- 286 ZOLDER GRAND PRIX—Full Report and Pictures
- 287 Midland A.C. National Shelsley Walsh Hill-Climb
- 288 28th R.A.C. TOURIST TROPHY RACE—Full Report and Pictures
- 293 Snetterton M.R.C. Snetterton Race Meeting
- 294 Club News
- 299 B.R.S.C.C. (Northern Centre) Cadwell Park Race Meeting

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EDITORIAL

FERRARI'S TOURIST TROPHY

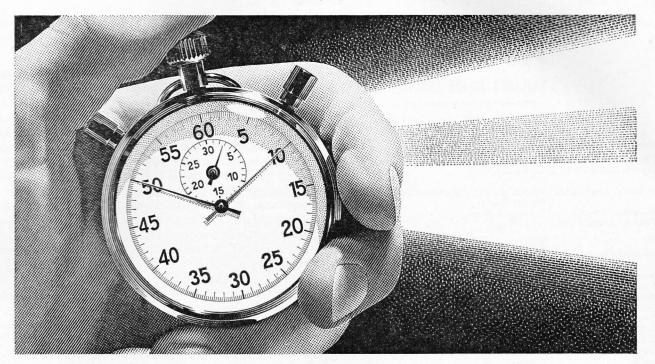
T^{HE} might of Maranello is a force to be reckoned with. Despite the strongest British challenge since the race was for Grand Touring cars, Ferraris once again dominated last Saturday's 130-lap, 312-mile Tourist Trophy at Goodwood. Graham Hill and Mike Parkes drove to team orders and, in the closing stages, toured around in formation; "toured" is the wrong word really, but the GTOs were certainly not going as fast as they had done in the early stages when engrossed in a magnificent battle with Innes Ireland's Aston Martin. Two Aston Martins took part, both works entries, but they disappointed. Slow pit stops did not help matters and the DB4GTs soon dropped back, Bruce McLaren's eventually retiring with engine trouble. The lightweight E-type Jaguars were impressive, especially those of Roy Salvadori and Jack Sears, but they were just not able to cope with Hill and Parkes. Reliability among the big cars was a feature of the race: only two over 2-litre cars did not finish-McLaren's Aston Martin and Hitchcock's Ferrari, which crashed spectacularly. The 2-litre class was disappointing. Firstly works Porsches and Abarth-Simcas were absent and secondly all the Lotus Elans retired.

GOODWOOD CHICANERY

IF Silverstone's Achilles Heel is Woodcote Corner, then surely Goodwood's is the controversial chicane, introduced many seasons ago in an effort to slow down cars as they passed the pits. Admittedly the chicane is a great spectator attraction-in B.A.R.C. Members' Meetings one is usually assured of at least one incident -but surely it should be made safer than it is at present. The ridiculous wattle fencing has at last disappeared-after many, many drivers' efforts to remove it forcibly during racing! Now the chicane itself should be replanned to ease the congestion that all too often occurs. During last Saturday's B.A.R.C. International Formula Junior Championship race Tim Mayer's Cooper had a brake caliper crack and this caused him to hit the chicane and scatter bits of it all over the track. Oncoming cars, not properly warned of the great danger (oil was also on the track) by the flag marshals, either somehow managed to slither by the wrecked Cooper or, as Roy Pike did, bash a path through the flimsy wooden part of the chicane and bypass it altogether. It was clear that the organisers had no set plan to put into effect in the case of the chicane being either partially or completely blocked: drivers were left to choose for themselves whether or not to crawl past the Cooper or miss the chicane altogether and consequently the race lost its importance-the first, second and third, and fourth finishers all clocked up different mileage! By a stroke of good fortune the major race positions were not affected.

OUR COVER PICTURE

FOR THE FOURTH YEAR RUNNING a Ferrari has won the Tourist Trophy. Last Saturday at Goodwood the Maranello Concessionaires/John Coombs-entered Ferrari GTOs of Graham Hill and Mike Parkes dominated the race and soundly trounced the Aston Martin and Jaguar opposition. Hill and Parkes negotiate the chicane on one of the 130 laps on their way to victory. Photo: George Phillips.



CASTROL WINS

RALLY OF A THOUSAND LAKES

OUTRIGHT WINNER

Simo Lampinen & Jyrki Ahava

SAAB SPORT

also

5 CLASS WINS

Subject to official confirmation



Follow the experts-ask for Castrol by name



AUTOSPORTSMAN by Gus No. 17: Mike Parkes

W^E hear from a very reliable source that the new V8 Ferrari will not be at Monza after all.

ENTRIES for the Gold Cup at Oulton Park on 21st September already include Jim Clark, Graham Hill, Innes Ireland, Jack Brabham, Mike Hailwood, Bruce McLaren, Trevor Taylor and Jo Bonnier. Other events are a sports car and a saloon car race.

As soon as the Formula Junior race finished at Goodwood last Saturday the members of the Midland Racing Partnership rushed off to London for the wedding of Alan Evans, one of the team's sponsors.

 T_{HE} Ford Cortinas which did so well in the recent American Marlboro' 12-hour race were fitted with type 22 Cibié head-lamps.

AFTER his unsuccessful appearance at Brands Hatch on Bank Holiday Monday, Augie Pabst returned to America to win the U.S. Road Racing Championship race at Continental Divide Raceways on 18th August. Harry Heuer led during the opening stages in a Chaparral, but then after his retirement Augie Pabst, driving an old Scarab, went on to win, having passed second man Bob Holbert (A.C. Cobra) on the very last lap. Porsches, driven by Don Wester and Bill Wuesthoff, filled third and fourth places.

NATIONAL BENZOLE, LTD., have issued a new road atlas covering Great Britain, at a scale of five miles to the inch. The atlas is in book form with canvas covers protected by a plastic jacket. It also includes a gazetteer at the back and it costs 12s. 6d.

COPENHAGEN GRAND PRIX

PETER REVSON won the Formula Junior event at the recent two-day Copenhagen Grand Prix meeting, run on the diminutive 0.87-mile Roskilde Ring. Only big team present was the Tyrrell Racing Organisa-tion's Coopers for Peter Procter and Tim Mayer. Sunday's racing was run in torrential rain, and conditions were most unpleasant; nevertheless, Revson showed that, like Tim Mayer, he has great potential, and his Cooper-Ford won by 3 secs. from Swedish Georg Duneborn (Cooper-Ford), Tim Mayer (Cooper-B.M.C.) and Peter Procter (Cooper-B.M.C.). Anders Josefsson (Lotus-Ford 23) won the sports car race from Richard Redgrave (Merlyn-Climax) and David Prophet (Lotus-Ford 23) and there were also races for saloon cars. John Whitmore took part in a Mini-Cooper, but could only manage third place in the 1,300 c.c. event.

THIS Sunday'S B.R.S.C.C. race meeting at Mallory Park promises to be a cracker. Events include a Ladies' Race, *Formule Libre*, G.T., saloons, sports cars and a bedstead race! Notable conductors include John Taylor, Chris Summers, Tony Hegbourne, Jack Pearce, Doc Merfield and Alan Rees.

"AUTOSPORT" CHAMPIONSHIP

Positions after the Tourist Trophy

Class A: G.T. cars up to 1,150 c.c.			
1. Andrew Hedges (M.G. Midget)			39
Alan Foster (M.G. Midget)			39
3. Warwick Banks (Turner-Climax)			34
4. John Dickinson (Lotus 11 G.T.)			25
Next up: Chris McLaren (Marcos)	••	••	24
Class B: G.T. cars 1,151-1,600 c.c.	••	••	24
1. Roger Nathan (Lotus Elite)			25
2 John Whitman (Lotus Elite)		:	35
2. John Whitmore (Lotus Elite and I	lotus E	lan)	27
3. Trevor Taylor (Lotus Elite)			22
Sid Taylor (Lotus Elite)			22
Next up: Graham Warner (Lotus El	an)		19
Class C: G.T. cars 1,601-2,500 c.c.			
1. Alan Hutcheson (M.G.B)			29
2. Ken Mackenzie (Turner-Ford)			26
3. Dickie Stoop (Porsche Carrera)			24
Adrian Dence (Morgan Plus 4)			24
Next up: Neil Dangerfield (Triumph	TR4)		19
Class D: G.T. cars over 2,500 c.c.			-
1. Graham Hill (Jaguar E and Ferra	ri GTC	0	45
2. Mike Parkes (Ferrari GTO)		-	30
3. Dick Protheroe (Jaguar E)			28
4. Jack Sears (Ferrari GTO and Jag	inar E)	• •	26
Next up: Ken Baker (Jaguar E)	ual L)	•••	21
Class E: Sports racing cars up to 1 1		• •	41
Class E: Sports-racing cars up to 1,1	50 C.C.		
1. Chris Williams (Lotus 23)		••	33
2. Robin Benson (Elva Mk. 7)			30
3. Sid Fox (Lola-Climax)	••		29
4. Paul Hawkins (Brabham and Lot	us 23)		24
Next up: Peter Arundell (Lotus 23)			22
Terry Bone (Lotus 23)			22
Class F: Sports-racing cars 1,151-2,0	00 c.c.		
1. Mike Beckwith (Lotus 23B)			42
Frank Gardner (Brabham)			42
3. Tony Hegbourne (Lotus 23B)			36
4. Tony Lanfranchi (Elva Mk. 7)			29
Next up: Keith Greene (Lotus 23B)			24
Class G: Sports-racing cars over 2,00	0.00		
1. Roy Salvadori (Cooper Monaco)	0		45
2. Bill de Selincourt (Lotus 19)			22
3. Peter Skidmore (Jaguar D)		••	
	···	••	20
4. Chris Summers (Cooper-Chevrole	() DD		19
Next up: P. T. Woolgar (Aston Mar	tin DB	35)	18
THREE works Marcoses will	be con	npet	ing

in Sunday's Nürburgring 500-km, race, a qualifying round of the 1-litre G.T. constructors' championship. The cars are to be driven by Tom Weber, Peter Jackson/ Tim Lalonde and John Sutton.

THE American Bridgehampton "Double 400" of 1962 is, this year, the "Double 500". The 1-litre G.T. race has been scrapped and instead there is to be an event for sports and G.T. prototype cars over 1,300 c.c. which will qualify for the G.T. championship.

M^{R.} DAVID PRITCHARD has asked us to convey his apologies to Mr. Jack Hatter for the unfounded allegations contained in his article appearing in the edition of the 9th August, concerning the last race at the Bank Holiday meeting at Snetterton. We wish to associate ourselves with this apology. 279

PIT and PADDOCK

A NGLO-SCOTTISH Racing take two Cooper-Fords to Kirkistown on 31st August for Charles Crichton-Stuart and Louis Jacobsz. The latter's car now is fully operational again after his slight off course excursion when the pair were lying first and second at the recent East German Sachsenring meeting. Unfortunately Charles Crichton-Stuart sacrificed his lead in the race to investigate the incident and dropped to 16th place—even so he had climbed back to fourth by the finish and easily recorded fastest lap. The team cars will next appear in this country at Crystal Palace on 7th September.

G.T. CAR CLUB

THE T.V.R. Car Club has been renamed the G.T. Car Club and will hold its first competitive event at Fradley Aerodrome, Lichfield, on 1st September, consisting of a *Concours*, Sprint and Driving Tests. The aims of the Club are to cater for owners of G.T. cars of all types. Further details are available from A. Oakes-Richards, 32, Chapel Street, Warwick.

FERGUSON'S SWISS WIN

LAST Sunday, Jo Bonnier drove the $2\frac{1}{2}$ -litre Ferguson-Climax to victory in the Ollon-Villars hill-climb. The fourwheel-drive car had only just returned from testing at Indianapolis. Second in the Swiss European Mountain Championship event was Edgar Barth (2.0 Porsche), the German driver now being assured of the 1963 title. Hans Herrmann (2.0 Abarth) finished fourth just behind Jack Brabham's Formula 1 Brabham-Climax. Further details will be given in next week's issue.



THREE DESIGNER-CONSTRUC-TORS. Seen at the bar in the paddock at Goodwood are (left to right) Roy Lund, designer of the Mustang, Eric Broadley, of Lola fame, and Derek Hurlock, of A.C.

R.A.C. HILL-CLIMB CHAMPIONSHIP Positions after Shelslay Wolch

	Positions after Shelsley W	alsh	
1.	Tony Marsh (Marsh-Climax and B.	R.M.)	79
2.	Peter Westbury (Felday-Daimler	and	
	Cooper-Daimler)		77
3.	Peter Boshier-Jones (Lotus-Climax	22)	65
4.	David Good (Cooper-Climax and Co	ooper-	
-	Daimler)		50
	Ray Fielding (Lotus-Climax 21)		49
0.	Phil Scragg (B.R.M.)		40
1.	Ian McLaughlin (Cooper-J.A.P.)		31
ð.	Bryan Eccles (Cooper-Chevrolet)		16
10	Gray Mickel (Cooper-Climax)	• •	16
10.	Mac Daghorn (Cooper-J.A.P.)		9
12	John Pringle (Cooper-Climax)		9
14.	Peter Wilson (Martini T.T. Triumph	1)	77
14	Graeme Austin (Emeryson-Climax) Agnes Mickel (Cooper-Climax)	• •	
14.	Datas la Callais (LCC II)	• •	6
	Datay Durt (Cooper Climer)	• • •	6
	Datas Cash 11 (IV: C E 1)		6
18	Keith Moore (Fairley-Climax)	• •	65
	Day Tames (Later Clines 7)		5
	Arthur Owen (Lotus-Ford 23)	••	5
	J. T. Butterworth (Lotus-Ford 23)		5

280

THE NEW B.M.C. ASSEMBLY PLANT

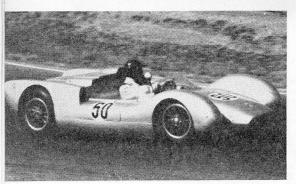
I HAVE just inspected Car Assembly Building No. 2, at Longbridge, a new B.M.C. assembly plant which will bring production towards, and eventually past, the million a year mark.

In this plant, automation reaches a new high. Throughout the assembly, including painting, the bodies are never moved by hand, all lifting and loading onto conveyors being completely automatic. Throughout the building of the cars, repeated quality checks are carried out, and it is claimed that this is the most stringent inspection process ever standardized by a manufacturer.

As part of the assembly system, 300 bodies, painted in various colours, are in a vast mechanical storage bay, the correct type and colour being automatically chosen and put on the line, according to demand. This is made possible by a system of "sequencing". By pressing any one of 100 keys bearing code letters, instructions are automatically typed in full at the other end. This means that all the correct material and components arrive for each body at the right time.

Once the model, colour, equipment, and so forth, have been chosen, the interlocked processes start and it is utterly impossible for any error in specification to occur. No car can enter the line without its full "sequencing" having been put in train. As one watches the process taking place, one is amazed at the comparatively small number of men employed and the complicated movements that take place without human intervention. Towards the end of the line, the car is started, and each one runs on rollers in an artificial rainstorm, the slightest leak or fault causing the machine to be side-tracked for rectification.

It has been said, with some justice, that modern manufacturing methods can cause cars to be badly finished. From what I saw at Longbridge, I am convinced that the standard of inspection at all stages is very high. This must result in better and more reliable cars. JOHN V. BOLSTER.



SUCCESSFUL Dolphin-Porsche, a Californian sports-racing car that is being driven by Ken Miles in America and will be a challenge for 2-litre class honours when the American International "season" starts soon. The car, which weighs under 9 cwt., is powered by a four-cylinder 1,700 c.c. Porsche engine developing nearly 180 b.h.p. Other engines can be fitted to production cars.

THE B.P. Racing Drivers' Club of Canada, although only a few months old, now has more than 6,000 members. The club was formed by the oil company in an effort to assist the sport in Canada. B.P. operates only in the Canadian provinces of Ontario and Quebec; however, members are spread out all across Canada, in every state in the U.S. and overseas.

SPORTS NEWS

REGS are available already for the 1963 **R**.A.C. International Rally of Great Britain, which will be run from 10th-16th November. The event will start from Blackpool, return there for a night halt and finish in Bournemouth after some 2,000 miles, which are to include no fewer than 400 miles over special stages. This provides one of the highest road : stage mileage ratios of any rally and should certainly serve to add lustre to the fine reputation which our premier road event has gained during the past few years. A most interesting point in the regs states that only chains will be permitted as an anti-skid measure and that studded tyres are not allowed. Presumably this is to prevent the Forestry Commission roads from suffering unnecessary damage.

AUSTRIAN GRAND PRIX

NEXT year the Austrian Grand Prix for Formula 1 cars will probably be a World Championship event and, bearing this in mind, Team Lotus, Brabham and the British Racing Partnership have entered this Sunday's race, which takes place on the Zeltweg circuit.

Jim Clark and Trevor Taylor will drive Lotus 25s, while Jack Brabham has one of his own cars and Innes Ireland and Jim Hall have B.R.M.-powered British Racing Partnership mounts. Other entrants comprise Joseph Siffert (Lotus-B.R.M.), Carel Godin de Beaufort and Kurt Bardi-Barry (Porsches), Ian Burgess and Tony Settember (Scirocco-B.R.M.s), Bernard Collomb (Lotus-Climax), Tim Parnell (Lotus-B.R.M.), André Pilette (Lotus-Climax), Ernesto Prinoth (Lotus-Climax), Jochen Rindt (Cooper-Ford), Chris Amon (Lola-Climax) and Gunther Seifert (Lotus-B.R.M.).

GRANTURA ENGINEERING, LTD., wish to point out that, despite many rumours regarding a new T.V.R. car, the existing Mark 3A T.V.R., now available with the M.G.B engine, will remain in production for some time to come. Existing demands are so heavy that a steady production increase is envisaged and therefore there will be no new projects announced in the foreseeable future.

LORD NUFFIELD

LORD NUFFIELD, he died on 22nd August, was a great industrialist and also probably the greatest philanthropist that the world has ever known.

Born William Morris in 1877, he became an apprentice in a bicycle shop at the age of 16. He opened a shop of his own in 1893 on a capital of £4, which he borrowed. He at first repaired and hired bicycles but later built and raced them, consequently turning to the manufacture of motor-cycles. He always dreamt of producing cars for people of moderate means and started building Morris cars in a small factory at Cowley, in 1912, driving them himself in competitions. After the first war he completely revolutionized the British motor industry, the growth of his company being meteoric.

Many other firms, such as Wolseley, Riley and the S.U. Carburetter Co., were absorbed, and Morris became the premier British manufacturer. His only failure was his attempt to break into the French motor industry by producing the Morris-Léon-Bollée car at Le Mans. He owed his success partly to his genius in marketing his products and partly to his brilliance in choosing the best men to work for him. He gave them a free hand and backed them to the hilt, but he could punish failure ruthlessly.

Morris became a baronet in 1929, a peer in 1934 and was raised to a viscount in 1938, being also awarded countless honours and degrees. His benefactions were directed essentially towards medicine and education, totalling the magnificent figure of $\pounds 16\frac{1}{2}$ millions. He lived simply himself and worked till the end of his life, dying a widower without family.

B.P.'s new motor oil, official term B.P. Visco-Static Longlife Motor Oil, will protect a car engine for up to double the normal mileage between oil changes, with a maximum limit between changes of 10,000 miles or one year, whichever comes first. The new oil can be used under all driving and climatic conditions.

A RTHUR BATEMAN, who at present races a B-type Syracuse Connaught and a C-type Jaguar, is about to import the famous 250F G.P. Maserati raced in Europe some years ago by Stirling Moss. For the last couple of seasons it has been used with some success by Bob Eade out in New Zealand.

VINTAGE NOTES "Bloody Mary" at Prescott by JOHN BOLSTER

For the enjoyment of the right kind of cars in the best possible company, you can't beat a V.S.C.C. meeting. I was, therefore, delighted to find that the Vintage Prescott did not clash with any "modern" meeting which I had to attend.

Then, it suddenly occurred to me that my old "special", Bloody Mary, was in running order after her recent Shelsley jaunt. An entry was posted off to Tim Carson, and I was all set to continue growing old disgracefully. For Prescott, I fitted different sprockets to give a top gear ratio of 7.8 to 1, as compared with 5.5 to 1 for Shelsley. I say "top" gear, but in fact I only use one "cog" all the way up the Gloucester hill.

Obviously, there's a great advantage in using top all the way. If you drive through the gearbox, you probably dissipate 10 per cent. of your power in spinning the gears and churning the oil. So, I took out the layshaft and all the gears, leaving the direct drive only. In practice, I had the misfortune to damage my clutch. By buying some motor-cycle clutch plates in Gloucester, and filing them to fit my obsolete casing, I was able to get everything working splendidly, and the old car was in fine form for the day. I am very careful, when making such repairs, not to modernize the car. It would be easy to fit smaller wheels with larger tyres, hydraulic brakes, and Weber carburetters. This would probably knock a few seconds off the time, but she wouldn't be a true Vintage car any more and one might just as well buy a Lotus and have done with it.

It was sheer enchantment to be in that paddock. All the most beautiful Vintage sports cars and racers were there. I borrowed a tyre pump off one chap, a pressure gauge from another, and a Rudge hammer off a third. People kept coming up and saying how nice it was to see the old car in action again, and I always had an energetic band of volunteer pushers whenever I wanted to start her up. I did a fairly safe first run and a "hairy" second trip, which was faster, perhaps because I had enjoyed a glass of Beaujolais in the interval.

Anyway, it was a splendid day, and we came second in the 3-litre racing class to the redoubtable "Doc" Taylor. As "B.M." hasn't been decarbonized for at least 15 years, I shall have to have the heads off and polish things up a bit. I don't say that we have much hope of beating the Doc, but at least we may make him worry a little!



RAC TOURIST TROPHY MEETING Goodwood August 24th

TOURIST TROPHY RACE Over 3000 c.c. class

Ist Roy Salvadori Jaguar

(entered by C. T. Atkins)

Up to 2000 c.c. class Ist Mike Beckwith LOTUS ELITE

(entered by Chris Barber)

FORMULA JUNIOR CHAMPIONSHIP RACE

Ist Peter Arundell LOTUS-FORD (entered by Ron Harris—Team Lotus)

GRAND PRIX DER ZOLDER-AUGUST 25th

Ist Peter Arundell LOTUS-FORD

(entered by Ron Harris—Team Lotus)

Subject to official confirmation

using ESSO GOLDEN, finest petrol you can buy ALWAYS LOOK TO ESSO FOR THE BEST



MINIS in full flight. J. Bridges leads J. Tatham at the co-promoted Oulton Park race meeting last Saturday.

R. N. Thomas lost his Marcos-Ford at Knicker Brook and went backwards into the bank, the

car being reduced to its original state—wood! Open cars up to 1,100 c.c. and those engined by 1172 Ford now made their appearance, by 1172 Ford now made their appearance, again over seven laps. Charles Lucas (Merlyn Mk. 4A), from the second row, made a flying start, disrupting the free passage of Alistair Welch and John Thurner in Lotus 23s whom he rudely pushed aside! But first round were the two Lotuses, Mr. Lucas spinning at Lodge and smiting the bank tail first, letting C. J. Clark (Lotus 7A) take over third place. Lap four and Welch with an engine on three, was

Clark (Lotus 7A) take over third place. Lap four and Welch, with an engine on three, was passed by Thurner; he made a quick call at his pit, shot out again and in so doing lost a place. Second and third spots went to Clark and F. W. Smith (Lotus 7). Event 5B was for open cars. Overall this one produced a grand all-the-way scrap between E. C. Booth's elderly Frazer-Nash, which led for five laps, and Bill Rigg's Jaguar D-type, which then took over to win by one second only. Third place went to John Sharp in an extremely fast and well-driven M.G.A. in an extremely fast and well-driven M.G.A. All these cars were in the over 1,650 c.c. class,

Co-Promoted Oulton Park

Mixed Bag at Seven-Fifty M.C. and Chester M.C. Meeting

By FRANCIS PENN

LAST Saturday the Seven-Fifty Motor Club and the Chester Motor Club combined forces to promote a restricted meeting at Oulton Park. Whilst the organization was considerably better than last year, a really good meeting was spoilt by running on prac-tice far too long. The start, scheduled for 1.30, eventually took place at 2.15, meaning that the last race did not finish until after seven o'clock, by which time the cash cus-tomers were very cold and hungry. Not a good thing! good thing!

good thing! The answer: if competitors will not arrive at their appointed hour for practice, delete them, and then run to time. One thing more— keep the official car off the circuit. If there is an accident, the observer at that point is quite capable of dealing with it without further "top brass" causing more congestion. Sorry, but there it is! there it is!

there it is! The meeting commenced with a couple of halfhour speed trials, each of which incor-porated a compulsory pit stop, the driver having to change all four tyre valve covers. Only four made their target figure in the first

Only four made their target figure in the first event and eight in the second. Event 2 over seven laps was for 1172 Formula cars. For the first three laps Bryan Small (Milmor Mk. 5) led Arthur Mallock (U2 Mk. 3), with Ian Tollady (Aquila) trailing a close third. Lap four and Mallock was in front, with Small not a length in arrears, and so it continued till the last lap when Small pulled off at Cascades. The Aquila took second spot by a car's length only from Howard Milborrow (Milmor Mk. 3). Next came 750 Formula cars, this time over five laps. For the first two laps, it was D. Berry (Austin) from R. P. Westcott (Austin) and J. F. Bishop (Austin). Lap three saw both Westcott and Bishop in front, to run out in that order with I. S. Clark (Septo) the other



141.0

COMPULSORY PIT STOP in the speed trials involved changing all four valve covers. Here J. Chivers performs the task on his Elva Courier.

place man, he having come through the field from eighth position on lap one. The speed of the slowest finisher to complete the full distance was 55.59 m.p.h., which seems to prove the need for a minimum qualification lap time

time. Closed cars up to 1,100 c.c., 1,101 to 1,650 c.c. and over 1,650 c.c. were next in turn, distance being seven laps. Taking the race overall, it was Derek Bennett (Lotus Elite), who was never headed, winning by three seconds from Mick Cave (Austin A40). These two won their respective classes. In this event

RE 1172 Formula (7 laps): 1, A. M. R. Mallock (U2 Mk. 3), 81.76 m.p.h.; 2, I. Tollady (Aquila); 3, H. J. Milborrow (Milmor Mk. 3). Fastest lap: B. A. M. Small (Milmor Mk. 5) and Mallock, 1 m. 59.6 s. (Austin), 68.53 m.p.h.; 2, J. F. Bishop (Austin); 3, I. S. Clark (Septo). Fastest lap: D. Berry (Austin); 3, I. S. Clark (Septo). Fastest lap: D. Berry (Austin); 5, S. In, p.h. Closed Cars (7 laps). Overall Winner: A. D. Bennett (Lotus Elite). Over 1,650 c.c. Class; 1, C. Bridges (Jaguar 3.8), 71.35 m.p.h. Fastest lap: Bridges, 2 m. 13.8 s., 74.29 m.p.h. 1,101-1,650 c.c. Class: 1, A. D. Bennett (Lotus Elite), 78.73 m.p.h.; 2, D. E. J. Lomas (Elva Courier; 3, G. Lvnch (Lotus Elite). Fastest lap: Bennett, 2 m. 2.8 s., 80.94 m.p.h. Up to 1,100 c.c. Class: 1, M. H. Cave (Austin A40), 78.49 m.p.h.; 2, J. Scott-Davies (Austin-Healey Sprite); 3, P. J. Smith (Speedwell). Fastest lap: Cave, 2 m. 3.4 s., 80.55 m.p.h. Open Cars: Up to 1,100 c.c. and 1,172 c.c. (7 laps): 1, J. Thurner (Lotus-Ford 23), 82.93 m.p.h.; 2, C. J. Clark (Lotus-B.M.C.

the cars of smaller capacity being led home by L. M. MacFarlane (Lotus 7) from J. Bennett (W.R.A. Mk. 3) and H. C. Balfour (Lotus 7). The last race of the day, over 10 laps was for *Formule Libre* and Monoposto Register cars. Taking the faster class, i.e. the *Formule Libre*, it was Alan Rollinson in a 1½-litre Cooper-Ford by some 34 seconds from Alistair Welch's Lotus 23 with Phil de Banks (Cooper-Junior) a close third. In the Monoposto class, Mike Paris driving a U2 was an easy winner from E. T. Ogilvie-Hardy (Project X) and M. J. Cowburn (Anco).

RESULTS

75 7); 3. F. W. Smith (Lotus-Ford 7). Fastest lap: A. Welch (Lotus-Ford 23), 1 m. 55.2 s., 86.28 m.p.h. Open Cars over 1,100 c.c. (7 laps): Overall Winner: W. Rigg (Jaguar D-type). 1,101-1,650 c.c. Class: I. L. M. MacFarlane (Lotus-Ford 7), 76.42 m.p.h.; J. Bennett (W.R.A.-Ford Mk. 3); 3, H. C. Balfour (Lotus-Ford 7). Fastest lap: MacFarlane, 2 m. 70 s., 78.26 m.p.h. Over 1,650 c.c. Class: 1, W. Rigg (Jaguar D-type), 79.70 m.p.h.; 2, E. C. Booth (Frazer-Nash Le Mans); 3, J. G. Sharp (M.G.A). Fastest lap: Rigg, 2 m. 1.4 s., 81.87 m.p.h. Formule Libre and Monoposto Register (10 laps). Overall Winner: A. W. Rollinson (Cooper-Ford), Formule Libre Class: 1, A. W. Rollinson (Cooper-Ford), 87.84 m.p.h.; 2, A. Welch (Lotus-Ford 23); 3, P. S. de Banks (Cooper-B.M.C.). Fastest lap: Rollinson, 1 m. 51.2 s., 89.38 m.p.h. Monoposto Register Class: 1, M. R. Paris (U2), 81.14 m.p.h.; 2, E. T. Ogilvie-Hardy (Project X); 3, M. J. Cowburn (Anco). Fastest lap: Paris, 2 m. 0.0 s., 82.83 m.p.h.





RAC TOURIST TROPHY MEETING Goodwood August 24th

TOURIST TROPHY RACE Over 3000 c.c. class

Ist Roy Salvadori JAGUAR

(entered by C. T. Atkins)

Up to 2000 c.c. class
Ist Mike Beckwith LOTUS-ELITE

(entered by Chris Barber)

FORMULA JUNIOR CHAMPIONSHIP RACE Ist Peter Arundell Lotus-Ford

(entered by Ron Harris-Team Lotus)

GRAND PRIX DE ZOLDER-AUGUST 25th

(entered by Ron Harris—Team Lotus)

Subject to official confirmation

Since the beginning of 1959 more World Championship Grands Prix have been won on ESSO EXTRA MOTOR OIL than on any other brand of oil.



ALWAYS LOOK TO ESSO FOR THE BEST

DEVELOPED as it is almost directly from experience gained in competition, the new S-type Mini-Cooper is not surprisingly a most advanced car. Basically similar to its forerunner, the 997 c.c. Cooper, it only varies in datail having the same hodyshell varies in detail having the same bodyshell

and almost identical suspension. The new car has been aimed without doubt at the competitively minded, for the materials used especially in engine con-struction lend themselves easily to further development.

The engine has been enlarged to 1,071 c.c., the increased capacity being achieved by boring to 70.6 mm. instead of 62.43 mm. The crankshaft is made from EN 40B high tensile steel and is nitrided. Although the standard crank (used on the 997 c.c. Mini-Cooper) doesn't give much trouble, it was the cause of some anxiety to tuners who had developed the units to rev. above 8,000. The new cranks suitably dealt with should now permit maximum revs. in the region of 9,000, reliably running at 8,000 r.p.m. (the standard car gets valve bounce at 7,200 r.p.m.).

The con. rods, too, have been redesigned, now having fully floating little ends and modified big ends. The 2-in. big end bear-ings are of indium infused copper lead. The timing gears are manufactured from steel and have double timing chains. Perhaps one of the most important modifica-



PATRICK McNALLY tests the **AUSTIN MINI-COOPER S**



GIVE-AWAY features of the Mini-Cooper S: perforated wheels and the Dunlop SP tyres, which, in effect, reduce the understeer.

tions is the use of larger Stellite-tipped valves made from nimonic 80. These are similar valves to those used in the Formula Junior B.M.C. units. The steel valve guides have been replaced by phosphor bronze. The alloy guides may not have the same wearing qualities as the steel, but with these fitted the valves are much less likely to pick up. The fabricated rockers are replaced by forged steel parts, but the rocker lubrication remains the same. It is interesting to see this change back to forged rockers; in fact, to the best of my knowledge, little or no trouble was experienced with the fabricated type

The gearbox retains the standard Cooper ratios and the only modification is that some of the mainshaft gears now run on needle rollers and not phosphor bronze bushes. This is perhaps one of the best modifications to the gearbox, for experience

showed with excessive heat and r.p.m. second and third gear would run together if the phosphor bronze bush gave up the ghost. The baulk ring synchromesh, which was introduced over a year ago, is retained. Final drive ratio remains at 3.76 : 1, but 4.1 and 3.4 remain optional extras. Close ratio gears are also optional equipment and, in fact, one or two cars which have been tested recently would appear to have had these fitted. A larger clutch, 74 in. diameter with bonded linings, copes with the extra power. A different camshaft has been fitted-this has wider lobes.

The brakes, which have always been the Achilles heel of Mini-Coopers, have now seen much development. $7\frac{1}{2}$ in. discs, Actimites need of this component. $7\frac{1}{2}$ in. discs, $\frac{3}{4}$ in. thick, replace the 7 in. by $\frac{1}{2}$ in. equipment. Much larger calipers retain the larger pads and there is a great increase in swept area. The wheels, which are offset to permit clearance for the larger calipers, are perforated to increase cooling. The rear brakes remain as before, but per-forated wheels are fitted to offset hubs. The use of larger discs and calipers has necessitated the use of shorter drive shafts and a slightly modified front suspension, though castor and camber angles are apparently unchanged. The $\frac{1}{16}$ in. toe-out

on the front suspension is also as before. Another optional extra is wider offset wheels which permit the new R6 Mini tyre to be fitted. These wheels increase the track and improve the roadholding. First impressions of the car are quite

surprising, for the increased power has not affected the flexibility in any way. Driving through London is an absolute delight, the smallest gap can be taken advantage of and the gearbox permits lightning quick gear changes, which enables one to be permanently ready for every situation. In fact, you have all the advantages of the Mini coupled with really rapid acceleration and extremely potent brakes.

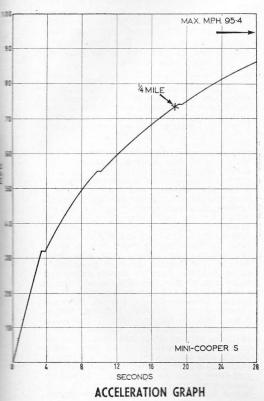
Driving up to London from the country Driving up to London from the country in the morning, when the pace is usually at its hottest, the S-type proved king of the road and showed itself to be the ideal car for this type of journey. Within a little time the motoring public will realise that the little S they see in their mirror deserves the utmost courtesy.

Maximum speed is 95 m.p.h., which may be attained on any reasonable stretch of road. We did in fact record a one-way time of 97.8 m.p.h. For normal purposes, however, cruising at 80 to 90 is quite enough, for although the car is quite controllable even at its absolute maximum the noise (engine) level is quite high after 90 m.p.h.

One of the nicest features of the car is that 7,000 r.p.m. can be used without the engine sounding excessively busy. On modified Mini-Coopers I have tried, any-thing over 6,000 r.p.m. makes one expect

SPECIFICATION AND PERFORMANCE DATA

- SPECIFICATION AND Car Tested: Austin Mini-Cooper S saloon. Price f695 including P.T. Engine: Four cylinders, 70.6 mm, x 68.26 mm, (1,071 c.c.). Push-rod operated overhead valves. 9 to compression ratio. 68 b.h.p at 5,750 r.p.m. Twin SU carburetters. Lucas coil and distributor. Transmission: Single dry plate (74 ins.) clutch. Four-speed gearbox with central remote control and synchromesh on upper three gears, ratios 3,765, 5.11, 7.21 and 12.05 to 1. Final drive to front wheels via helical spur gears, universal joints and open shafts; drive casing in unit with engine and gearbox. earbox
- gearbox. Chassis: Unitary all-steel construction. Independent front suspension by wishbones and rubber cones. Independent rear suspension by trailing arms with rubber cones and telescopic dampers. Rack and pinion steering. Bolt-on disc wheels fitted with 145-10 SP tyres. Optional extra 5,00L-10 tyres on 4½ ins. rims. Lockheed hydraulic brakes with
- - **RFORMANCE DATA**7½ x ⅔ in. discs on the front and 7 x 1¼ in. drums on the rear. Hydrovac servo assistance. **Equipment:** Twelve-volt lighting and starting. Speedometer. Temperature, oil pressure and fuel gauges. Windscreen wipers and washers. Heating and demisting. Flashing direction indicators. **Dimensions:** Wheelbase, 6 ft. 8½ ins. Track, 3 ft. 11¼ fs ins. (front); 3 ft. 10¼ ins. (front); 3 ft. 11¼ ins. (front); 3 ft. 11¼ fs. (front); 3 ft. 11½ ins. (front); 3 ft. 11½
 Performance: Maximum speed 95.4 m.p.h. Speeds
 - Performance: Maximum speed, 95.4 m.p.h. Speeds in the gears: 1st, 33 m.p.h.; 2nd, 55.2 m.p.h.; 3rd, 78 m.p.h. Standing quarter-mile, 18.7 secs. Acceleration, 0-30 m.p.h., 3.2 secs.; 0-50 m.p.h., 8.1 secs.; 0-60 m.p.h., 12.25 secs.; 0-80 m.p.h., 23.0 secs.
 - Fuel Consumption: 27.5 m.p.g.



to hear the engine come unsoldered at any moment.

The ameliorations to the engine permit it 15 more b.h.p. and have in no way affected the smooth running or flexibility of the engine. In fact, it is safe to say the engine feels, if anything, less taut.

The quarter mile is one of the most spectacular figures, a time of 18.7 secs. being recorded. Thirty takes 3.3 secs. and 50 8.1 secs., whilst 60 m.p.h. is reached in 124 secs. The reason the 50 figure is so good is because it can be achieved in second gear; 80 m.p.h., a figure which tells many a tale, is remarkably good—a mean figure of 23 secs. was recorded.

The gearbox is particularly sweet, the baulk ring synchromesh doing a really worthwhile job. The figures recorded are no doubt helped greatly by this first-class gearbox.

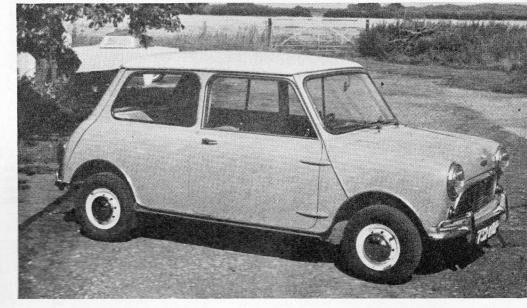
Speeds in the gears proved to be 32 m.p.h. in first, 55 m.p.h. in second and 78 m.p.h. in third. These, in fact, are only just in excess of the speeds marked on the speedometer. First gear, although not fitted with synchromesh, can be engaged at anything under 30 m.p.h. and is absolutely ideal for nipping through roundabouts in traffic.

The instrumentation is exactly the same as the ordinary Mini-Cooper except for the speedometer, which rather proudly boasts 120 m.p.h. This main instrument, which houses the usual warning lights, is flanked by oil pressure and water temperature gauges. A rev. counter is not fitted as standard which, in my opinion, is rather a pity.

a pity. The suspension, although apparently little modified, together with the Dunlop SPs, gives a most comfortable ride and the roadholding appears considerably better of the car is very useful for on an ordinary Cooper drastic action was necessary to induce oversteer.

It is a great pleasure to be able to write iust how improved the brakes are. In fact, they bear absolutely no resemblance to normal Cooper brakes. The $7\frac{1}{2}$ in. discs manage the car with the utmost ease and braking is always controlled with no sign of fade at all. The absence of rear end lock up under heavy applications is another worthwhile feature, although the pressure release valve is unchanged. A Hydrovac servo booster reduces the pedal pressure required and affords extremely powerful braking.

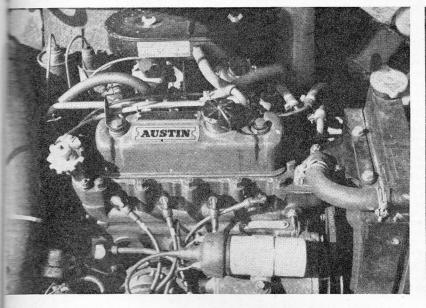
Petrol consumption, never a particularly good feature of the Mini-Coopers, has

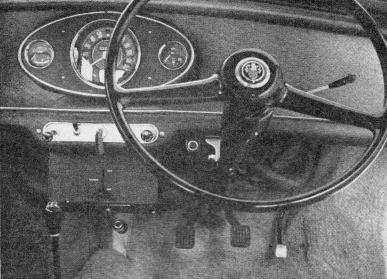


than a standard Mini-Cooper fitted with Dunlop C41s. In effect, the SPs reduce the understeer, which makes the car feel much lighter through the sharper turns. The steering is, in fact, extremely light and precise at all times; the lock remains at two and a bit turns. When the Mini S first came out the steering ratio was quoted as being different but, in fact, this change was made several years ago.

The roadholding is very impressive under every condition and the SPs permit the back end to be thrown about much more than the conventional tyres. This feature hardly suffered at all and figures varying between 25 and 30 m.p.g. were recorded under different conditions with an overall consumption of 27.5. Oil consumption worked out at a pint per 250 miles, but this may have been because it was a relatively new engine.

For the man who runs a Ferrari, Aston Martin or a similar high performance car, this would make an ideal and worthy stable mate. For the dashing young man who can afford but one car this must surely be the answer at $\pounds 695$ and 90 plus m.p.h. performance.





SOON AFTER the start of the saloon car race Peter Nöcker (Jaguar 3.8) leads Peter Lindner (Jaguar 3.8) and Tom Trana (Volvo). Nöcker won, Lindner went off the road and Trana was third.

Sunday morning saw a short half an hour session for the benefit of those drivers who had been at Goodwood. Peter Arundell soon got the hang of things and put in an electric I min. 41.1 secs. to take pole position away

SEVERAL drivers seemed to be out of line in respect to their practice times, but when the flag fell it mattered little for Peter Arundell stormed straight into the lead hotly pursued by Revson, Gardner and Maglia. Troberg went straight into the pits with gear selection bothers, came out later to complete one lap before driving back into the paddock to become the first retirement. All round the circuit the roar of Ford and B.M.C. engines could be heard tearing away, then in about two minutes the leaders burst into sight, Revson having passed the much more exper-ienced Arundell, these two already a clear two seconds up on third man Maglia, with Frank Gardner fourth and then the remainder of the field in the order Sparce Brooter Howking Gardner fourth and then the remainder of the field in the order Spence, Procter, Hawkins, Deserti, Franck, Prophet, Fenning, Mitter, Riley, Martel, Driver, "Elde", Bernusset, Pilette and the slow Twisk. The rain was now beginning to come down, although not heavily, and everybody was taking it easily—save Maglia who was at it in his usual hammer and tongs way and on the third lap spun, dropping way down to the tail of the field. The first six places remained the same for the first half-dozen laps, although poor Bruno Deserti stopped just after the first left-hander with a broken universal joint. Mitter also went missing, then came slowly in with the exhaust of his D.K.W.-engined Lotus 22 hanging



RACING BEGINS AT ZOLDER

Second Win in Two Days for Peter Arundell

Report and Photography by PAUL WATSON

BELGIUM is at present rather short of good racing circuits; there is, of course, the magnificent Spa circuit, Brussels now seems finished, and there is Formula Junior racing at Chimay and Mettet. It is, therefore, a real step in the right direction that the Automobile Club of Terlaemen should have, all on their own, put up the money for the construction of an artificial road circuit at Zolder.

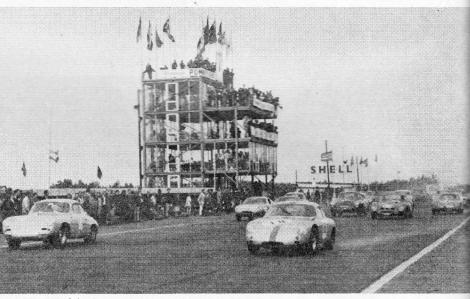
The new circuit combines the best from several already long-established courses and has been brilliantly designed by John Hugenholtz. The lap distance is about $2\frac{1}{2}$ miles and combines fast sweeping bends, three really good straights and a very slow and interesting second gear right-hander. The whole circuit is surrounded by attractive fir and pine forests with natural sandy banks offering ideal conditions for spectating. There is, however, just a bit too much sand around, and on windy days it blows all over the place and on windy days it blows all over the place making life rather unpleasant. The track sur-face is none too good for a circuit so new as Zolder and is extremely wearing on tyres and suspensions; in fact to quote Paul Hawkins: "It's a wonderful circuit but a real car breaker." It is also rather a dangerous circuit breaker." It is also rather a dangerous circuit and calls for the utmost judgment at all times, as there is very, very few places to escape to

as there is very, very lew places to escape to should you lose it. Zolder's first ever meeting for cars took place last Sunday under a National Open licence and attracted a fine entry of inter-national drivers representing not only Bel-gium but also Great Britain, Italy, Holland, Luxembourg, Sweden, Germany, Austria, Switzerland, France and the United States. The touring car event counted towards the

The touring care event counted towards the European Touring Car Challenge, and was divided into three separate races of 30 minutes duration each. There was then a 30 minute race for Grand Touring cars of any capacity, and finally the main race of the day, the Grand Prix of Zolder for Formula Junior cars, lasting a full hour.

The entry for the main race was first class with several top cars and drivers coming straight over from Goodwood. Team Lotus straight over from Goodwood. Team Lotus turned up in force with four cars for their usual drivers, Peter Arundell, Mike Spence and John Fenning, the fourth car being kept just in case. Italian Bruno Deserti had his new Lotus 27 entered by the Scuderia St. Ambroeus, while the Belgian Mark de Boe was having his first outing in a similar car. This strong Lotus challenge was further strengthened by Jacques Maglia in the 22, with which he won Chimay and Monza; Gerhard Mitter with a D.K.W.-powered 22; Paddy Driver with Tony Marsh's old 20 and an equally old 20 for Eddie Fletcher who had turned up hoping for a late entry. Chief opposition to Lotus supremacy came

Chief opposition to Lotus supremacy came from the marque Brabham with the two Ian Walker Racing entries for Frank Gardner and Paul Hawkins; there were also three cars, for



START of the G.T. race. "Remordu's" Ferrari GTO can be seen way back amongst the Porsches and things; nethertheless, the Belgian, who is well over 60 years of age, finished third.

Philippe Martel, David Prophet and Klaas Twisk

Ken Tyrrell should have had two of his Coopers, but because of Tim Mayer's Good-wood accident only one car was available for Peter Procter. Peter Revson also had a 1963 Cooper in American racing colours. The Belgian Racing Team had two new yellow cars for Jean-Claude Franck and "Elde"; and one of leat very's Coopers was entered by the

cars for Jean-Claude Franck and "Elde"; and one of last year's Coopers was entered by the Rhodesian Dave Riley. The entry was completed by Picko Troberg with his Lola, Jacques Bernusset with an older Lola, and the inevitable André Pilette with his Merlyn. In Saturday's practice Gerhard Mitter just finished on top in 1 min. 41.9 secs. Second was Peter Revson who was entered as a reserve.

was Peter Revson who was entered as a reserve but got round in a most creditable 1 min. 42.0 secs. with his Cooper.

limply off, which is very serious with a twostroke engine, causing a great deal of power loss

Shoke engine, causing a great deal of power loss. On the seventh lap Peter Arundell made a determined effort to regain the lead and did so coming past the pits with Revson right on his tail. Behind, Gardner still held on to third a short distance ahead of Spence, Procter and Hawkins. A short distance behind the battling trio Dave Prophet was doing wonders with his Brabham, actually managing to keep in front of the third works Lotus driven by John Fenning. On the tenth lap Hawkins slipped by Spence and two laps later he disposed of Procter, but the Lotus driver really had the heat on and two laps later he had regained fourth place, although he still seemed unable to close the gap on third man Gardner who appeared to be master of the situation. The Spence-Procter-Hawkins struggle came

286

STARTING GRID

Arundell (Lotus) 1 m. 41.1 s.	Mitter (Lotus) - 1 m. 41.9 s.	
	nce Gar (Brat 2.2 s. 1 m.	oham)
Hawkins (Brabham) 1 m. 42.7 s.		"Elde" (Cooper) 1 m. 44.0 s.
(Brab		berg ola) 50.3 s.
Deserti (Lotus) 1 m. 44.2 s.	Procter (Cooper) 1 m. 44.3 s.	Franck (Cooper) 1 m. 46.8 s.
(Coc	oper) (Lo	ning otus) 46.5 s.
Martel (Brabham) 1 m. 46.7 s.	Driver (Lotus)	Bernusset (Lola) 1 m. 49.0 s.
(Brab	isk Pil ham) (Me 19.8 s. 1 m.	erlyn)
NT	. J. D., G.	D FL

Non-starters: M. de Boe (Lotus); D. Fletcher (Lotus).

to an end on lap 20 when Spence coasted into the pits with the flywheel fouled up by a bolt-head that had originated at Goodwood. This left Hawkins in third place behind his team-mate Gardner. But this situation was soon to alter, Gardner. But this situation was soon to alter, for Jacques Maglia had been steadily climbing up the field from 17th place to 15th on lap four, 12th on lap five, 10th on lap seven, 9th on lap 10, eighth a lap later and seventh a lap after that. He then settled down to tail the Spence-Hawkins-Procter trio and Fenning, before disposing of the last named, and closing right up on Procter. When Spence retired Maglia became sixth and two laps later he was past Procter into fifth place. It didn't take him long to catch Hawkins and then all seemed set for a major assault on third man Gardner. But just when all eyes were on this brilliant drive, Revson suddenly put two wheels on the sand and spun round; he held his position but the steering had become deranged and a lap later he spun again this time smashing the nose hadly and again, this time smashing the nose badly and retiring at once.

again, this into singly the hose badiy and retiring at once. The remaining ten laps saw no major changes. Maglia was unable to catch Gardner, and Gardner didn't quite have enough steam to do anything about Arundell. Hawkins, however, ran into trouble on his last seven laps with a wheel bearing gone on one rear wheel; he spent the last few laps with one eye on the road and the other constantly on the mirror— first to see if Procter was catching him and secondly to see if his wheel was about to come off! Luckily neither happened and Paul finished fourth ahead of the Cooper, which was a short distance ahead of Fenning. The first six cars were the only ones to complete the full distance. Preceding the F.J. race there was a half-hour race for all capacity Grand Touring cars. Ben

Pon had entered his very rapid Porsche Carrera-Abarth and after best practice time of

Carrera-Abarth and after best practice time of 1 min. 56.0 secs. took the lead to hold it throughout and won comfortably by over 20 seconds from Mauro Bianchi's little blue Abarth-Simca. Although Pon won the race the main interest was the wonderfully plucky fight the little Abarth put up against "Remordu's" big Ferrari GTO. The over 1,300 c.c. Touring car race was, as expected, dominated by Jaguar 3.8s. Peter Lindner took an immediate lead with fellow countryman Peter Nöcker hard on his heels; Lindner, however, ran out of brakes on the second lap and disappeared into the country-side, taking 50 ft. of fencing with him. This left John Sparrow in second place, a position he maintained throughout, to finish 14 seconds behind the German. Bater Proctar was unable to practice in the behind the German.

Peter Procter was unable to practice in the official period for the 1,300 c.c. saloon car race so found himself at the back of the 20-car into the lead, the works Mini-Cooper S of Procter tearing through the field to be second at the completion of only two laps. This achieved, Procter seemed unable to improve on his position, Slotemaker's Downton-prepared car having more than a measure of the situation. Third place was very closely con-tested throughout between Julien Vernaeve (Mini-Cooper S) and Dieter Mantzel's D.K.W.

The 850 c.c. Touring car race was a real humdinger between the two Saab 96s of Björn Rothstein and Gösta Karlsson and Hubert Hähne and Bontemps with B.M.W. 700 and D.K.W. respectively. The Deek was obviously the quicker car, but a spin cost him the race and several places.

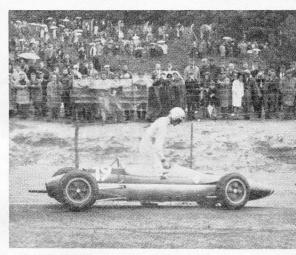
So ended the first meeting at Zolder, a memorable one with some of the most exciting Only criticism is that a lot more should be done to ensure the safety of the drivers; there is at present far too little room for mistakes, a factor that very nearly claimed the life of one driver and caused at least two other very hairy accidents indeed.

RESULTS

RESULTS Formula Junior Grand Prix de Zolder (1-hour): 1, P. J. Arundell (Lotus-Ford 27), 1 h. 0 m. 15,8 s., 144.363 k.p.h.; 2, F. Gardner (Brabham-Ford), 1 h. 1 m. 32,1 s.; 3, J. Maglia (Lotus-Ford 22), 1 h. 1 m. 41,1 s.; 4, P. Hawkins (Brabham-Ford), 1 h. 1 m. 55,8 s.; 5, P. Procter (Cooper-B.M.C.), 1 h. 1 m. 55,8 s.; 6, J. Fenning (Lotus-Ford 27), 1 h. 2 m. 09,8 s.; 7, D. Prophet (Brabham-Ford), 34 laps; 8, P. Martel (Brabham-Ford), 34; 9, P. Driver (Lotus-Ford 20), 34; 10, D. Riley (Cooper-B.M.C.), 34; 11, "Elde" (Cooper-Ford), 34; 12, A. Pilette (Merlyn-Ford), 32; 13, J. Bernusset (Lola-Ford), 32; 14, K. Twisk (Brabham-Ford), 31, Fastest lap: Arundell, 1 m. 41,0 s., 149,132 k.p.h. (course record).

Iap: Arundell, 1 m. 41.0 s., 149.132 k.p.h. (course record).
Grand Touring (30 mins.): 1, B. Pon (2.0 Porsche Abarth-Carrera), 31 m. 10.6 s., 128.835 k.p.h.; 2, M. Bianchi (Abarth-Simca), 31 m. 31.3 s.; 3, "Remordu" (Ferrari GTO), 31 m. 35.2 s.; 4, C. de Moffarts (2.0 Porsche Carrera), 31 m. 57.8 s.; 5, "Jansen" (Porsche S.90), 33 m. 04.4 s.; 6, H.-D. Dechent (Alfa Romeo G.S.V.Zag), 33 m. 05.7 s.; J. Carpentier (M.G.B), 15 laps; 8, J. Thenaers (Porsche S.90), 35 m. 04.4 s.; 6, H.-D. Dechent (Alfa Romeo G.S.V.Zag), 33 m. 05.7 s.; J. Carpentier (M.G.B), 15 laps; 8, J. Thenaers (Porsche S.90), 15; 9, R. Farenzena (M.G.B), 14; 10, Y. Jurissen (Porsche S.90), 14; 11, H. Wirth (Alfa Romeo G.S.V.), 14; 12, T. Streithorst (Lotus Elite), 13. Fastest lap; B. Pon, 1 m. 53.6 s., 132.591 k.p.h.); "Jansen" (fastest lap, 1 m. 53.6 s., 132.591 k.p.h.); "Jansen" (fastest lap, 2 m. 1.1 s., 124.380 k.p.h.); M. Bianchi (fastest lap, 1 m. 53.6 s., 132.591 k.p.h.); M. Bianchi (fastest lap, 2 m. 1.1 s., 124.380 k.p.h.); M. Bianchi (fastest lap, 2 m. 1.1 s., 124.380 k.p.h.); M. Bianchi (fastest lap, 3. Touring cars up to 850 c.c. (30 mins.); 1., 2. Karlsson (Saab 96), 30 m. 581 s., 113.484 k.p.h.; 2. Bontemps (D.K.W. Junior), 31 m. 05.8 s.; 3, B. Röthstein (Saab 96), 31 m. 10.3 s.; 4, J. Grähser (B.M.W. 700), 31 m. 25.5 s.; 5, H. Wagner (Fiat-Abarth 850TC), 32 m. 44.4 s.; 6, M. Lefebvre (Fiat-Abarth 850TC), 32 k.p.h. Class winners: Bontemps (fastest lap, 2 m. 1.4 s.)

10.6 s., 115.332 k.p.h.); J. Grähser (fastest lap, H. Hahne (B.M.W. 700), 2 m. 11.9 s., 114.196 k.p.h.).
Touring cars 851-1,300 cc. (30 mins.); J. R. Slote-maker (Morris-Cooper S), 30 m. 55.3 s., 121.778 k.p.h.; 2, P. Procter (Morris-Cooper S), 31 m. 02.3 s., 3, J. Vernaeve (Morris-Cooper S), 31 m. 27.4 s.; 4, J. Thurston (Morris-Cooper S), 31 m. 31.8 s.; 5, D. Mantzel (D.K.W. F.12), 31 m. 41.9 s.; 6, H.-D. Dechent (Alfa Romeo Giulietta T1), 14 laps. Fastest lap: P. Procter, 2 m. 01.1 s., 124.380 k.p.h. Class winners: R. Slotemaker (fastest lap to P. Procter, 2 m. 01.1 s., 124.380 k.p.h.); D. Mantzel (fastest lap, 2 m. 04.7 s., 120.798 k.p.h.).
Touring Cars over 1,300 c.c. (30 mins.); 1, P. Nöcker (Jaguar 3.8), 30 m. 48.8 s., 122.207 k.p.h.; 2, J. Sparrow (Jaguar 3.8), 31 m. 03.4 s.; 3, T. Trana (Volvo 122S), 31 m. 33.7 s.; 4, L. Cella (Lancia Flavia), 31 m. 38.1 s.; 5, F. Patria (Lancia Flavia) 31 m. 38.5 s.; 6, E. Furtmayer (Alfa Romeo Giulia T1), 31 m. 39.3 s. Fastest lap: P. Nöcker (fastest lap, 2 m. 0.8 s., 124.688 k.p.h.); Cabella (Lancia Flaminia) (fastest lap, Pianta (Lancia Flaminia), 2 m. 8.8 s., 16.944 k.p.h.); T. Trana (fastest lap, 2 m. 4.7 s., 120.782 k.p.h.); L. Cella (fastest lap, 2 m. 4.7 s., 120.782 k.p.h.); L. Cella (fastest lap, F. Patria, 2 m. 04.8 s., 120.692 k.p.h.).



ABANDONING his Scuderia Sant Ambroeus Lotus 27 is the promising young Italian driver Bruno Deserti; a universal joint broke.

BOSHIER-JONES AT WET SHELSLEY David Good Second and Tony Marsh Third in Midland A.C. National

BY TONY BEX

THE August, 1963, National Shelsley Walsh meeting will go down as one in the old tradition for it was both very exciting and interesting, contained many surprises and was

Heresting, contained many surprises and was very, very wet. Honours for the day's best time and in the R.A.C. Hill-Climb Championship event went to Peter Boshier-Jones who gave a superb display of wet weather driving in the yellow Lotus-Climax to record 39.16 secs. on his final Lotus-Climax to record 39.16 secs. on his final championship run. This time was over half a second quicker than David Good with the Cooper-Felday-Daimler who, in turn, was .69 sec. ahead of Tony Marsh (Marsh-Climax), with Ray Fielding fourth, Peter Gaskell fifth and J. T. Butterworth a creditable sixth in his Lotus 23.

Boshier-Jones, of course, has been threaten-Boshier-Jones, of course, has been threaten-ing to put the boys in their places for some time with his tiny blown car and on Sunday the combination proved its worth for only Good appeared able to offer any real challenge. In fact they were the only two to break the 40-secs. barrier and, with Marsh, they also beat the previous best wet Shelsley climb, evidently to the credit of Ken Wharton in E.R.A. R4D in June, 1956, in 40.91 secs. Bearing in mind the great contrast of cars and the fact that Sunday's best E.R.A. time was closer to 50 secs. many onlookers must have closer to 50 secs., many onlookers must have paid silent tribute to the brilliant Wharton.

With conditions so bad class records were obviously out of the question and it also meant that everybody had rather wasted their time practising the previous day when the hill was practising the previous day when the hill was dry. Then there was the prospect of a real, record-breaking battle. Bryan Eccles led the way with his 4.7-litre, Cooper-Chevrolet in 34.92 secs. (unfortunately he non-started with a broken c.w.p. the following day), followed by David Good, 35.05 secs., Boshier-Jones, 35.06 secs., Chris Summers (Cooper-Chevrolet) 35.53 secs., Ray Fielding (Lotus 21) 35.62 secs. and Tony Marsh (Marsh Special), 36.27 secs. But in addition to the possibility of Tony's old hill record of 33.54 secs. taking punishment, excitement on two wheels was provided by George Brown who took up Nero in 36.96 secs., not all that far off his record of 36.60 secs.

Unfortunately practice was delayed for some Summers who spun as he entered the finish paddock, bounced off several cars and so effectively damaged the Cooper that it had to be retired. During the actual event the only serious-looking incident was confined to Arthur Owen's dramatic departure from the track, also after passing the finish, when his Lotus 23 took off, demolished 40 yds. of wooden posts and came to rest with bodywork sadly knocked about, 30 yds. from the road in a field. In both cases there was no driver injury.

Injury. This also caused some delay, and indeed, the meeting was not completed until about 7 p.m. Throughout, the track never dried and a lot of heavy rain in the early after-noon made conditions deplorable. The pad-dock became a quagmire and most of the brave spectators soon found themselves sitting in one. Out and out spins were comparatively few but the driver who did not experience a slide should receive a special award. At the start a

should receive a special award. At the start a trials car would not have looked out of place

trials car would not have looked out of place in all the mud lying about; serious competition seemed out of the question. Two classes for Production, Touring, Sports and G.T. cars, up to and over 2,600 c.c., opened the proceedings. Bob Rose had little difficulty winning the smaller class with his Elite in 46.58 sees. but Bob Jennings (Elite) pushed J. F. May (Porsche) out of second place with (Continued on page 300)

PIT STOP for the winning Ferrari, entered jointly by Maranello Conces-sionaires and John Coombs. Graham Hill exchanges thumbs-up signs with Terry Hampton, one of Dunlop's racing tyre designers.

"parts" not having arrived from America. Roger Penske drove the 330LM-bodied GTO Ferrari that David Piper and Masten Gregory piloted into sixth place at Le Mans, and the best time the left-hand-drive North American Racing Team car recorded was 1 min. 29.0 secs., which equalled Roy Salvadori's time in the Tommy Atkins E-type Jaguar. Like his fellow-American namesake, Tommy Hitchcock kept every-one in suspense, nearly losing Prince Zourab Tchkotoua's GTO Ferrari at the chicane most times round: he saved his accident until the race, however.

John Whitmore was as incredible as ever in the Stirling Moss Automobile Racing Team's light green Ogle-bodied Lotus Elan and proved easily the fastest in the 2-litre class. He was also quicker than the special-bodied Ferrari 250 GT of Chris Kerrison, which was also tried by

FERRARI'S FOURTH TOURIST TROPHY

Graham Hill and Mike Parkes Dominate the T.T. in Maranello Concessionaires/John Coombs-entered GTO Ferraris-Roy Salvadori (Jaguar E) Third—Aston Martin Challenge Fails Again—Chaotic Formula Junior Race to Peter Arundell (Lotus)

BY MICHAEL KETTLEWELL

THE 28th R.A.C. International Tourist Trophy Race at Goodwood last Saturday resulted in yet another victory for Ferrari; the two cars of Graham Hill and Mike Parkes, jointly entered by Maranello Concessionaires and John Coombs, finished the 130-lap race 0.4 sec. apart after having slowed down slightly and driven to strict team orders during the closing stages. To give the British cars a chance an over 3-litre class was included, and this gave Jaguars a 1-2-3 result, while the 2-litre category went to Mike Beckwith in Chris Barber's veteran Lotus Elite.

As at Le Mans, the Aston Martin chal-lenge failed, but not until Innes Ireland had worried Graham Hill mercilessly for the first 10 laps; the best place the Feltham marque could obtain was seventh. As predicted the Lotus Elans looked like easy winners of the 2-litre class, but all four gave way under the strain of 312 miles's motoring.

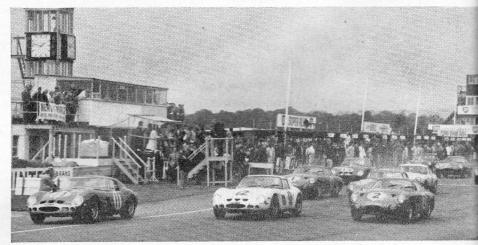
Chaos reigned at the chicane during the B.A.R.C. International Formula Junior Championship after Tim Mayer collided with and demolished part of the wall and half blocked the track. Apparent bad flag marshalling meant that some cars arrived at the chicane at too great a speed, and most of the entry by-passed it on at least one occasion: not so Peter Arundell, however, who won for the second year in succession.

Despite the very wet beginning to the day in most parts of southern England, the Sussex circuit mercifully remained dry and the Formula Junior and two of the three G.T. class lap records were broken, the other being equalled.

*

*

The very thorough scrutineering started on Thursday morning and several cars were caught out on minor points, including both works Aston Martins, which had oversize rims, and the A.C. Cobras. Although these were allowed to practise with those that had passed the eligibility check, their times were not taken into consideration for grid positions. Graham Hill dominated the Thursday



START OF THE 2011 K.A.C. IOURIST TROPHY and already Graham Hill has a slight lead from Mike Parkes and Innes Ireland. The first few laps were enlivened by a grand scrap fought by these three.

and Friday practice sessions right from the word go, recording 1 min. 27.0 secs. on both days in the red GTO Ferrari. The weather remained dry both days, although it was quite windy on Friday. Mike Parkes really threw the white GTO around in 1 min. 27.4 secs. and Innes Ireland and Bruce McLaren appeared to find the big Aston Martins a handful at the chicane. Although Innes equalled Hill's time on Thursday, only his Friday time of 1 min. 27.6 secs. was counted.

After trying a John Willment-entered A.C. Cobra on Thursday, Jack Sears took over the John Coombs Jaguar and conse-quently improved from 1 min. 31.0 secs. to 1 min. 29.2 secs.—although he bashed in the nose of the E-type in the process! Bob Olthoff and Ken Miles, the Americanresiding British driver, appeared late in the Cobras on Friday, but, although they looked most spectacular, their times of 1 min. 33.0 secs. and 1 min. 34.0 secs. were very disappointing. They were eventually withdrawn due, it was said, to some

Peter Sutcliffe, whose E-type Jaguar had not recovered from its Brands Hatch accident. The German-entered lightweight E-type Jaguar of Peter Lindner and Peter Nöcker was also missing.

Some incredible times were set up by the Formula Junior drivers, no fewer than four lapping at over 100 m.p.h. Denis Hulme and Peter Arundell, as usual Brabham and Lotus mounted respectively, were equal fastest at 1 min. 25.4 secs., 101.17 m.p.h.

READERS of Saturday morning's papers found that Goodwood was front page news owing to the police searching for the very promising Formula Junior driver Roy James, who had practised his blue Brabham on Thursday. No wonder there were so many policemen about during Friday's practising—and scores of "nods" were to be seen on race day, all on the look-out for James, wanted to assist with inquiries into the Great Train Robbery. Rumours that James's car used some of the

PHOTOGRAPHY BY GEORGE PHILLIPS

missing fivers as ballast are completely unfounded!

At 12 noon the drivers lined up for the annual B.A.R.C. Formula Junior Championship as follows, and one noticed the gap in the middle of the seventh row!

STARTING GRID Richard Attwood Peter Arundell (Lola-Ford) (Lotus-Ford) 1 m. 25.8 s. 1 m. 25.4 s. Mike Spence Frr. (Lotus-Ford) (Br 1 m. 26.4 s. 1 Peter Procter David Hobbs (Cooper, B.M.C.) (Lola-Ford) Denis Hulme (Lotus-Ford) (Brabham-Ford) 1 m. 25.4 s. 1 m. 25.4 s. Frank Gardner (Lou-1 m. 26.4 s. Peter Procter David ... (Cooper-B.M.C.) (Lola-Ford) 1 m. 27.8 s. 1 m. 27.6 s. Tim Mayer JG (Cooper-B.M.C.) (1 m. 28.4 s. Bill Bradley Mike de Udy (Lola-Ford) (Lotus-Ford) 29.0 s. 1 m. 28.6 s. (Brabham-Ford) 1 m. 26.2 s. bs Paul Hawkins (Brabham-Ford) 1 m. 27.2 s. I m. 27.2 s. John Fenning (Lotus-Ford) I m. 28.4 s. (Lola-Ford) I m. 28.4 s. (Lola-Ford) I m. 28.4 s. Melvyn Long Roy Pike Melvyn Long (Gemini-Ford) (Lotus-Ford) 1 m. 29,4 s. 1 m. 29,0 s. John Mastin Roy James* Brian Hart (Lotus-Ford) (Brabham-Ford) (Lotus-Ford) 1 m. 31.0 s. 1 m. 30.2 s. 1 m. 29,6 s. Bill Belcher Rodney Banting (North Star-Ford) (Brabham-Ford) 1 m. 32,4 s. David Hitches Bob Burnard John Turner* (Lola-Ford) (Lotus-Ford) (Cooper-Ford) 1 m. 37.0 s. 1 m. 35.8 s. Sid Fox David Milburn* (Gemini-Ford) (Lotus-Ford) (Gemini-Ford) 1 m, 49.2 s, (Lotus-Ford) 1 m. 40.8 s. * Non-starter.

Straight into the lead went Peter Arundell (Lotus), Richard Attwood (Lola) and Denis Hulme (Brabham) giving chase, while already Sid Fox (Gemini) and Rodney Banting (Brabham) were trailing at the back. The luckless Bob Burnard brought his "Miss Veedol" Lotus 27 straight into the pits with gear selector troubles, to resume after three laps. Mike Spence revolved at Woodcote on his first lap and continued in last position.

At the completion of the first of the 21 laps Arundell, Attwood and Hulme had already opened up a slight gap to Frank Gardner (Brabham), who led John Fenning (Lotus), Paul Hawkins (Brabham), Tim Mayer (Cooper), Peter Procter (Cooper), Roy Pike (Gemini), Brian Hart (Lotus) and Bill Bradley (Lola). Driving as

OOPS! A brave effort by Roger Penske while trying to pass Jack Sears's Jaguar during the early stages at Madgwick Sears was fourth, while the (right). American driver finished eighth.

JUNIORS JOUSTING in the B.A.R.C. Championship race (below). Bill Brad-ley (Lola) is on the inside of Melvyn Long (Lotus) as they pass the pits.



smoothly as ever, Arundell gradually extended his lead over the battling pair Attwood and Hulme, who, in turn, gained on Hobbs, Fenning, Hawkins and Mayer.

On the fifth lap Arundell set up the fastest lap of the race in 1 min. 25.6 secs., a speed of 100.93 m.p.h. For the first time a Goodwood "ton" will be awarded to a Formula Junior driver. Hawkins overtook Fenning on this lap.

Peter Procter abandoned his Ken Tyrrell team Cooper-B.M.C. on the sixth lap after it had been slowed with ignition trouble, while David Hitches retired straight into the paddock with gearbox bothers. Soon after Frank Gardner, who had a "moment" which dropped him to last on the second lap, retired with a broken gear selector and then Bob Burnard gave up.

Urged on by his pit, Brian Hart gained eighth place from Alan Rees (Lola) on the ninth lap and, four laps later, relieved Tim Mayer of seventh position. But then, on the 15th lap, Tim Mayer struck the chicane wall good and hard when the right front brake caliper cracked, slicing the left-hand front wheel off his Cooper and scattering débris everywhere.

It was some time before the marshals arrived on the scene and then a lot of people ran across, including Keith Greene, Andrew Hedges and Jim Russell, who did a lot to help sort out a tricky situation.

it planned whereby until the road was clear all cars used the "escape road" which, of course, is always blocked by a flimsy piece of wood anyway! At long last the ridiculous wattle fencing has disappeared (it has been replaced by a kerb) but perhaps the whole chicane itself should be replanned. Failing that, a flashing warning light should be installed soon after Woodcote Corner.

Peter Arundell used the chicane every lap, losing a lot of time as he crawled through on one occasion, while Attwood, Hulme and Hobbs by-passed it on the 17th lap. Hobbs continued to do so on the three following laps. Some of the positions down the field were therefore false, while, luckily, the major places were not affected by all this drama, although the time distances between the first and second and third and fourth finishers were much affected. At first Hobbs was credited with a fantastic new lap record of 1 min. 25.2 secs. (101.41 m.p.h.) but then the penny dropped!

Attwood held off Hulme for second place, while Fenning, in finishing fifth, won a furious battle with Hart and Hawkins. Last minute happenings included the retirements of Melvyn Long and Mike Spence, with engine and transmission troubles respectively, and a spin by Bill Bradley at Madgwick on the 19th lap when the M.R.P. driver lost two places.



Instead of going down towards Woodcote to warn oncoming drivers of partial blockage of the chicane, the flag marshal stood only a little way ahead of the accident. Consequently when Roy Pike arrived on the scene he had no alternative but to burst through the wooden barrier and by-pass the chicane completely.

There was a lot of oil on the track, too. and much cement dust was spread, despite the fact that a marshal's broom broke. Eventually Mayer was removed from the car and later still the car was manhandled out of the way. The ambulance, after first going to Woodcote Corner, took some time in coming and the young American Formula Junior Champion was taken to hospital with neck injuries.

Meanwhile, amidst a scene of utter confusion, some cars were directed to bypass the chicane, some did it of their own accord and others picked their way through the oil every time. It was a ridiculous situation and the so-called "championship" race lost all of its importance. Surely the B.A.R.C. should have been prepared for such an emergency at the chicane and had

RESULTS

1, Peter Arundell (Lotus-Ford 27), 21 laps in 30 m. 29.4 s., 99.18 m.p.h.; 2, Richard Attwood (Lola-Ford Mk. 5A), 30 m. 32.2 s.; 3, Denis Hulme (Brabham-Ford), 30 m. 34.4 s.; 4, David Hobbs (Lola-Ford Mk. 5A); 5, John Fenning (Lotus-Ford 27); 6, Brian Hart (Lotus-Ford 22); 7, Paul Hawkins (Brabham-Ford); 8, Alan Rees (Lola-Ford Mk. 5A); 9, Mike de Udy (Lotus-Ford 22); 10, Roy Pike (Gemini-Ford Mk. 4A); 11, John Mastin (Lotus-Ford 22); 12, Bill Belcher (North Star-Ford); 13, Bill Bradley (Lola-Ford Mk. 5A); 14, Rodney Banting (Brabham-Ford); 15, Sid Fox (Gemini-Ford Mk. 4A). Fastest lap: Arundell, 1 m. 25.6 s., 100.93 m.p.h.

AND so to the Tourist Trophy, which started at 1.45 p.m. Thirty cars lined up on the longest starting grid ever seen on the 2.4-mile circuit as shown overleaf. For some reason the drivers' briefing took place at the two-minute signal and as a result some drivers were not properly in their cars when the flag fell and the start was a trifle confused.

Graham Hill, Innes Ireland and Mike Parkes accelerated away from the grid, with Bruce McLaren, Jack Sears, Rov Salvadori, David Piper and Roger Penske in pursuit. The noise of the GTOs in full song brought back brief memories



Graham Hill was driving like the champion that he is and soon whittled down Parkes's lead, and both caught up on Innes Ireland. Hill saw his opportunity when Parkes found Ireland in his way and slipped past, while Bruce McLaren was catching up on third man Roy Salvadori. Both driving on the absolute limit (they touched at the chicane on one notable occasion) Parkes and Ireland spun off at Woodcote on the 24th lap. Parkes revolved two or three times and finished off on the outside of the corner, while Ireland ended up on the inside amidst a cloud of tyre smoke! Once again, they continued, but

STORMING through Fordwater (left) is Peter Lumsden's lightweight E-type Jaguar, which leads Tommy Hitchcock's Ferrari GTO which later crashed at Madgwick.

LONGEST routine pit stop of the day was by Aston Martin, when the jack proved unsatisfactory (below). This ruined all chances of a good place for Innes Ireland.

of Le Mans. Only one and a half minutes later round they came, with Hill, Ireland and Parkes locked in combat. John Whitmore (Lotus Elan) was up with the heavy metal in 11th place, leading Frank Gardner (Lotus Elan), Chris Kerrison (Ferrari), Tommy Hitchcock (Ferrari) and Graham Warner (Lotus Elan).

The three leaders kept in close company and by the fourth lap they had already started to lap the tailenders, some of which were very old and slow and should never have been accepted for such an important motor race. Roy Salvadori worked his way into fourth place by the fourth lap, followed closely by McLaren, Sears, Penske and Piper. There was a gap before Protheroe, Lumsden and Hitchcock appeared and then came Whitmore, handling his Lotus Elan impeccably and leading the 2-litre class by a long margin.

Alan Foster had a half-shaft break after only four laps, his Dick Jacobs' Midget pulling off at Fordwater, while Chris Kerrison stopped after six laps to replace a plug lead.

The leading three were motor racing in



EASY class leader until it lost a wheel was the incredibly quick Lotus Elan of John Whitmore, seen here at Woodcote.

earnest and Innes Ireland seemed determined to snatch the lead. However, he came unstuck in his efforts on the tenth lap and spun around three times at Woodcote, taking Graham Hill with him! This let Parkes through into the lead, from Hill and Ireland, who lost little time in rejoining. But then Ireland made frantic gestures to



the Aston Martin pit every time he passed: sure enough, on the 15th lap, in he came for all four wheels to be changed. During his spin he had worn "flat spots" on the tyres, and this had upset the handling. Fifty-nine seconds later the Aston Martin roared away, to resume just ahead of Parkes.

Parkes. Meanwhile Roger Penske had been unsuccessfully challenging Jack Sears for seventh (later sixth) place and Tommy Hitchcock, after at least one "moment", went off at Madgwick on his 16th lap. The GTO Ferrari rolled and finished up on the bank severely damaged. The wealthy American was taken to hospital with a back injury, but was not seriously hurt. Ironically this was the Ferrari that crashed at the same spot last year when driven by John Surtees. Chris Lawrence and Pip Arnold brought their Morgans into the pit in trouble with

Chris Lawrence and Pip Arnold brought their Morgans into the pit in trouble with a stuck valve and a water leak respectively. The new Lawrence/Blydenstein heads used on these two cars were suffering from valve guide lubrication bothers, and Lawrence called it a day. Arnold continued, but was a frequent visitor to the pits until he retired with no clutch after one and a half hours.

Chris Kerrison was in again for further attention to the ignition system, Tommy Entwistle's T.V.R. was overheating (a familiar T.V.R. problem) and Roger Nathan's Elite soon retired with engine trouble.

STARTING GRID	
Innes Ireland Mike Parkes Graham Hill (Aston Martin (Ferrari GTO) (Ferrari GTO)	
1 m. 27.6 s. 1 m. 27.4 s. 1 m. 27.0 s.	
Roy Salvadori Bruce McLaren	
Roy Salvadori Jaguar E) (Jaguar E) (Aston Martin DB4GT) 1 m. 29.0 s. David Piper (Ferrari GTO) 1 m. 30.2 s. Tommy Hirdbeack Computer Salvadori 1 m. 29.0 s. Tommy Hirdbeack Computer Salvadori Computer Sal	
David Piper Jack Sears Roger Penske	
(Ferrari GTO) (Jaguar E) (Ferrari GTO)	
1 m, 30.2 s. 1 m, 29.2 s. 1 m, 29.0 s.	
Tommy Hitchcock (Ferrari GTO)Dick Protheroe (Jaguar E)1 m. 31.4 s.1 m. 30.8 s.	
(Ferrari GTO) (Jaguar E)	
1 m 314 s $1 m 30.8 s$	
Chris Kerrison John Whitmore Peter Lumsden	
(Ferrari GT (Lotus Elan) (Jaguar E)	
(Terrari OT (Lotus Elan) (Jaguar E)	
Speciale) 1 m. 34.6 s. 1 m. 33.4 s. 1 m. 31.8 s.	
Erech Condens Code NV	
Frank GardnerGraham Warner(Lotus Elan)(Lotus Elan)1 m. 37.8 s.1 m. 35.6 s.	
(Lotus Elan) (Lotus Elan)	
1 m. 57.6 s. 1 m. 55.6 s.	
Pip Arnold Mike Beckwith Charles Hodgson	
(Morgan Plus 4) (Lotus Elite) (Lotus Elan)	
(Morgan Plus 4) (Lotus Elite) (Lotus Elan) 1 m. 40.0 s. 1 m. 39.8 s. 1 m. 38.0 s.	
Keith GreeneDickie Stoop(M.G. Midget)(Porsche Carrera)1 m. 40.6 s.1 m. 40.2 s.	
(M.G. Midget) (Porsche Carrera)	
1 m. 40.6 s. 1 m. 40.2 s.	
Adrian Dence (Morgan Plus 4)Bob Duggan (Lotus Elite)Alan Foster (M.G. Midget)1 m. 41.0 s.1 m. 40.8 s.1 m. 40.6 s.	
(Morgan Plus 4) (Lotus Elite) (M.G. Midget)	
1 m, 41.0 s. 1 m, 40.8 s. 1 m, 40.6 s.	
1 m, 41.0 s. 1 m, 40.8 s. 1 m, 40.6 s. Clive Hunt Tom Threlfall (Lotus Elite) (Lotus Elite) 1 m, 42.0 s. 1 m, 41.4 s.	
(Lotus Elite) (Lotus Elite)	
1 m. 42.0 s. 1 m. 41.4 s.	
I m. 42.0 s. I m. 41.4 s. Jon Derisley Ken Mackenzie (Lotus Elite) (Turner-Ford)	
(Lotus Elite) (Turner-Ford)	
1 m, 42.6 s. 1 m, 42.4 s.	
Chris Lawrence Tommy Entwistle	
(Morgan Plus 4) (T.V.R. Grantura)	
1 m. 46.0 s. 1 m. 43.8 s.	
1 m. 42.6 s. 1 m. 42.4 s. Chris Lawrence (Morgan Plus 4) (T.V.R. Grantura) 1 m. 46.0 s. 1 m. 43.8 s. Roger Nathan	
(Lotus Elite)	
1m. 39.4 s.*	
* Time recorded before car passed scrutineering.	



IN TROUBLE with missing parts from America and the homologation of certain parts were the non-starting A.C. Cobras, one of which is seen during scrutineering on Friday.

by this time Graham Hill had gained a useful lead. Only two laps later Ireland did it again at Woodcote—the crowd certainly got their money's worth! This time he found nobody to waltz with, but he lost a place to Peter Lumsden (Jaguar E) while restarting. Positions at 25 laps were as follows:

- 1. Graham Hill (Ferrari GTO), 37 m. 25.0 s., 96.21

- Chanam rim (retrait GTO), 37 m. 250 s., 56.21 m.p.h.
 Mike Parkes (Ferrari GTO), 37 m. 37.0s.
 Roy Salvadori (Jaguar E), 37 m. 58.6 s.
 Bruce McLaren (Aston Martin DB4GT), 38 m. 1.6 s.
 Jack Sears (Jaguar E), 38 m. 10.8 s.
 Roger Penske (Ferrari GTO), 38 m. 14.4 s.

Jon Derisley's tatty Lotus Elite, in its fourth T.T. and rather past its prime, pulled off near Lavant with a broken oil pipe, Frank Gardner retired the rapid Team Elite Lotus Elan with lack of axle oil and, a surprise this one, Mike Parkes screamed into the pits on the 32nd lap, to have the petrol filler cap replaced in six seconds. He did not lose second place.

By this time seventh place man David Piper, going very well in his green GTO Ferrari, had been lapped, while Innes Ireland, now having passed Lumsden into ninth place, was motoring to great effect trying to improve upon his position, creep-ing up on behind Protheroe's E-type to the tune of several seconds each lap. John Whitmore still had the 2-litre class in his pocket, leading Graham Warner's LOV 1 by a lap. Charles Hodgson's blue Elan, much quieter than the others, lay third in its class, despite lifting the left front wheel to alarming heights when leaving the chicane on each lap.

Roger Penske was lapped by the flying Graham Hill on the 41st lap; now only four cars remained on the same lap as the World Champion's. Innes Ireland caught and passed Dick Protheroe into eighth place on the 45th lap, just as Graham Hill came into the pits for the first routine In 83 secs. he took on water and stop. 10 gallons of fuel, a cloud of steam emerging from the bonnet of the red GTO. Parkes now swept into the lead, followed by Salvadori, McLaren and Sears, while Hill resumed in fifth place.

Chris Kerrison stormed into the pits asking for Peter Sutcliffe to get ready to take over his rebodied 1961 T.T.-winning Ferrari (he was suffering from burns to his foot), and Sutcliffe did indeed relieve him a couple of laps later. Twice Graham Warner lost LOV 1 at Woodcote, where Bob Duggan revolved his Elite a little later, while Keith Greene brought in the remaining Dick Jacobs Midget for fueland for Andrew Hedges to take over.

After 50 laps the leading positions were: 1. Mike Parkes (Ferrari GTO), 1 h. 15 m. 13.6 s.,

Mike Parkes (Ferrari G10), 1 n. 15 m. 13.6 s., 95.71 m.p.h.
 Roy Salvadori (Jaguar E), 1 h. 15 m. 41.0 s.
 Bruce McLaren (Aston Martin DB4GT), 1 h. 16 m. 0s.
 Jack Sears (Jaguar E), 1 h. 16 m. 5.6 s.
 Graham Hill (Ferrari GTO), 1 h. 16 m. 25.2 s.
 Roger Penske (Ferrari GTO), 49 laps.

All of a sudden the picture changed in the 2-litre class as the three surviving Lotus Elans dropped out. Charles Hodgson, in for a routine stop, took on oil and fuel and then couldn't start again; after changing his battery he went on his way, now way behind. However, 10 minutes later the blue Elan coasted to a halt at the chicane with a rod through the side of the Ford motor. Class leader John Whitmore's very fast Elan lost a wheel when the left rear hub broke at Madgwick. The car hit the bank, but was not badly damaged, poor John returning to the pits on foot. Graham Warner's black and white car then led the class, but it was ill and losing oil from the differential. Graham pulled up at Fordwater on his 60th lap when the diff. finally seized. This let Dickie Stoop into the lead of the smaller category. although his 2-litre Porsche Carrera had yet to make its pit stop, whereas second man in the class, Mike Beckwith, had already made his—a very quick one, too. Beckwith was driving Chris Barber's veteran Lotus Elite that had let John Whitmore down during the previous two T.T.s, and which the Lotus 23 driver had slightly dented in Friday's practice when he ran into Penske's Ferrari.

Back to the bigger bangers: Innes Ireland caught and passed David Piper on the 51st lap and, four laps later, moved in front of Roger Penske to take sixth place. Jack Sears spun at Madgwick and again at Fordwater, this enabling Graham Hill to slip by into fourth place. Hill took over third position from Bruce McLaren on the 60th lap when the popular New Zealander, having his first race since his Nürburgring accident, had a pit stop for oil, 10 gallons of fuel and two new rear tyres. This took a comparatively long 2 mins. 28.4 secs. and dropped Bruce to ninth place, two laps behind Parkes. From now on the chances of an Aston Martin victory seemed practic-

ally over-only one Ferrari had fallen out, and that was not a serious threat anyway. Tommy Entwistle's T.V.R. was now

being driven by Keith Aitchison, while Mike Johnson had relieved Bob Duggan at the wheel of J. T. Parker's white Lotus Elite. Two contenders for 2-litre honours, the Morgan of Adrian Dence and Tom Threlfall's Lotus Elite, had both made routine stops.

Bruce McLaren's big Aston Martin began to sound a bit rough and appeared unlikely to last much longer. On lap 64 it was Jack Sears's turn to make his pit stop for tyres and 20 gallons of fuel; the John Coombs pit crew was very efficient and they completed their task in 50 secs., this dropping the car to seventh place behind Parkes, Salvadori, Hill, Ireland, Penske and Piper and ahead of Protheroe, McLaren and Lumsden. Roger Penske's stop for four new tyres and fuel took longer than usual and the American restarted eighth.

Most efficient pit work, however, was conducted by the Maranello Concession-aires/John Coombs Ferrari team: Mike Parkes came in for 20 gallons of fuel and two rear wheels and left after only 36 secs. -the quickest routine pit stop of the day! This occurred on the 70th lap and would have let Salvadori into the lead in Tommy Atkins's E-type, but Salvadori also came into the pits and was technically in the lead for a few seconds (his pits were in front of Parkes's) until Graham Hill swept by again. Parkes screamed away as Hill passed and Salvadori, after a stop of 41 secs., resumed third. Ireland was still fourth, Piper fifth, Sears sixth, Protheroe seventh, McLaren eighth and Penske now ninth.

Second routine stop for Graham Hill came after he had completed 75 laps, when the positions were as given below. His stop lasted but 38.6 secs., during which time the Ferrari gobbled up 10 gallons of fuel and was shod with two new rear tyres. Mike Parkes screamed by into the lead again, with Graham a little over half a minute behind.

- 1. Graham Hill (Ferrari GTO), 1 h. 53 m. 26.4 s., Oranam Hin (Ferrari GTO), 1 h. 53 m. 39.8 s.
 Mike Parkes (Ferrari GTO), 1 h. 53 m. 39.8 s.
 Roy Salvadori (Jaguar E), 1 h. 54 m. 27.4 s.
 Innes Ireland (Aston Martin DB4GT), 74 laps.
 David Piper (Ferrari GTO), 74.
 Jack Sears (Jaguar E), 74.

LITTLE M.G. Midget of Andrew Hedges scuttles through St. Mary's hounded by David Piper's fifth-place Ferrari GTO. After having a crank break in practice, the Midget ran with a replacement engine and finished 15th overall.



Down among the 2-litre class, led by Stoop and Beckwith, Threlfall stopped to have a filler cap closed, Mackenzie to take on oil and replace the rev. counter drive, which had caused an oil leak, and Aitchison for water.

Dick Protheroe called in at the pits for oil and 15 gallons of fuel and left after 61 secs., while Innes Ireland's chances of finishing high up the leader board were dashed on his 75th lap when he stopped for oil and rear wheels. Due to an ineffective jack and a replacement having to be found from the back of the pits, his stop took 3 mins. 1 sec .- two minutes too long.

After his earlier pit stop Roger Penske seemed to slow somewhat and he dropped back to ninth place on his 77th lap when he was taken by Peter Lumsden's light-weight E-type. Lumsden, however, fell back two places four laps later when he took 44 secs. to take on 15 gallons of fuel. David Piper took only one second longer when he made his only pit stop of the race on the 82nd lap; he also had 15 gallons of fuel. Piper was driving a well-judged race and dropped only one place, to fifth, behind Jack Sears.

Peter Sutcliffe, way down in 11th place, handed back to Chris Kerrison, the Ferrari taking on fuel in the process. Bruce McLaren went by the pits pointing to the front of the car on his 83rd and 84th laps and, sure enough, in he came next time round. The car, which had sounded rough for some time, had lost most of its oil pressure. Two gallons of lubricant were poured in and off went Bruce again, but the Aston still sounded unhappy.

When Dickie Stoop called in for 10 gallons of fuel Mike Beckwith went into the lead of the 2-litre class, followed by Tom Threlfall. Stoop soon caught up and diced with Threlfall, who then had to stop himself. Ken Mackenzie, who was often involuntarily in the way of the big bangers, crawled slowly into the pits to have a half-shaft replaced. Fuel was also added and the stop cost the Turner driver 12 minutes. Keith Aitchison also brought in the works T.V.R. for oil and water.

With 94 laps completed, Bruce McLaren pulled his sick-sounding car into the pits to retire: "valve trouble", it was said. This left Innes Ireland the sole representative of the Feltham marque, but he had

RESULTS **General Classification**

1. Graham Hill (Ferrari GTO), 130 laps in 3 h. 16 m-

- Graham Hill (Ferrari GTO), 130 laps in 3 h. 16 m. 45.6 s.; 95.14 m.p.h.
 Mike Parkes (Ferrari GTO), 130 laps in 3 h. 16 m. 46.0 s.
 Roy Salvadori (Jaguar E), 129 laps in 3 h. 17 m. 30.4 s.
- 30.4 s.
 Jack Sears (Jaguar E), 129 laps in 3 h. 17 m. 52.0 s.
 David Piper (Ferrari GTO), 128 laps in 3 h. 17 m.
- 24.0 6. Dick Protheroe (Jaguar E), 128 laps in 3 h. 17 m.
- 58.2 s.
 Innes Ireland (Aston Martin DB4GT), 128 laps.
 Roger Penske (Ferrari GTO), 126.
 Peter Lumsden (Jaguar E), 126.
 Chris Kerrison/Peter Sutcliffe (Ferrari GT Speciale), 119.
 Mike Beckwith (Lotus Elite), 116.
 Dickie Stoop (Porsche Carrera), 115.
 Bob Duggan/Mike Johnson (Lotus Elite), 114.
 Tom Threlfall (Lotus Elite), 113.
 Keith Greene/Andrew Hedges (M.G. Midget), 112.

- 112.
 Clive Hunt (Lotus Elite), 112.
 Adrian Dence (Morgan Plus 4), 111.
 Tommy Entwistle/Keith Aitchison (T.V.R. Grantura), 101.
 Ken Mackenzie (Turner-Ford), 100.
 Fastest lap: Hill, 1 m. 27.4 s., 98.85 m.p.h.

Class Results

Class Results 1,001-2,000 c.c.: 1, Mike Beckwith (Lotus Elite), 116 laps in 3 h. 17 m. 6.6s., 84.74 m.p.h.; 2, Dickie Stoop (Porsche Carrera); 3, Bob Duggan/Mike Johnson (Lotus Elite). Fastest lap: John Whitmore (Lotus Elan), 1 m. 35.0 s., 90.95 m.p.h. 2,001-3,000 c.c.: 1, Graham Hill (Ferrari GTO), 130 laps in 3 h. 16 m. 45.6 s., 95.14 m.p.h.; 2, Mike Parkes (Ferrari GTO); 3, David Piper (Ferrari GTO). Fastest lap: Hill, 1 m. 27.4 s., 98.95 m.p.h. Over 3,000 c.c.: 1, Roy Salvadori (Jaguar E), 129 laps in 3 h. 17 m. 30.4 s., 94.05 m.p.h.; 2, Jack Sears (Jaguar E); 3, Dick Protheroe (Jaguar E). Fastest lap: Innes Ireland (Aston Martin DB4GT), 1 m. 28.4 s., 97.74 m.p.h. Team Prize: Maranello Con-cessionaires/John Coombs: Graham Hill and Mike Parkes.

no chance at all, being three laps behind in seventh place.

- Positions with 100 laps completed-last year's distance-were as follows:
- Year's distance—were as follows;
 Mike Parkes (Ferrari GTO), 2 h. 31 m. 20.6 s., 95.15 m.p.h.
 Graham Hill (Ferrari GTO), 2 h. 31 m. 31.0 s.
 Roy Salvadori (Jaguar E), 9 h. 32 m. 32.0 s.
 Jack Sears (Jaguar E), 9 laps.
 David Piper (Ferrari GTO), 98.
 Dick Protheroe (Jaguar E), 98.

The situation now became settled, the only big car to make another pit call being Roy Salvadori, who did not lose his third place after a 50 secs. stop for a new off-side rear tyre as a result of a slight collision with Beckwith's Elite. The gap between Hill and Parkes diminished quickly, so quickly that it was obvious that both drivers were obeying team orders. Indeed, when Hill

MARANELLO VICTORY. Having slowed slightly during the last few laps, Graham Hill and Mike Parkes completed the closing stages of the race in close formation.

passed Parkes at Madgwick on the 109th lap they both slowed a little (Ronnie Hoare gave them a "take it easy" signal on the 117th lap) and Innes Ireland, who still had his finger out in a big way, caught and passed the pair much easier than he had done in the opening stages on the race!

Although Penske spun at Woodcote and Lumsden at St. Mary's, the race ran its course without any more changes in position among the heavy metal occupying the first 10 places. The 2-litre class was easily Beckwith's, and he was not troubled by Stoop, the second-man in this division. In the closing stages Hunt made his one and only stop for fuel, oil, water and plugs (this was Clive Hunt's first race since his Spa shunt) and the Elite continued on its quiet way, while Aitchison stopped

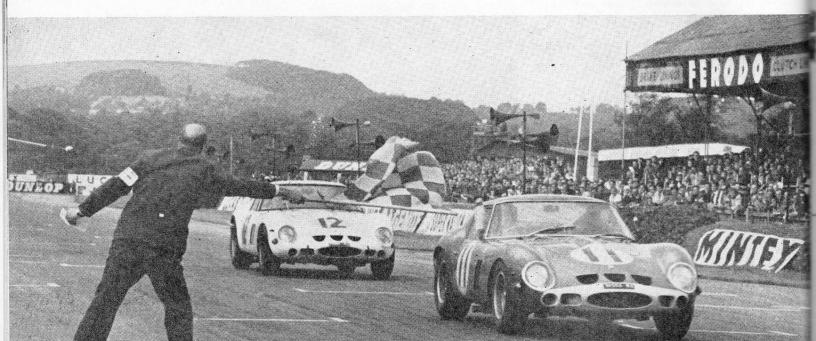


EXCELLENT THIRD after a welljudged race was Tommy Atkins's Jaguar, driven as usual by Roy Salvadori, who always seems to finish well up in a T.T.

to quench the immense thirst of the T.V.R. and Threlfall took on oil and water.

Just after five o'clock the flag fell as Graham Hill and Mike Parkes completed their Ferrari demonstration. Third and fourth were the well-driven E-types of Roy Salvadori and Jack Sears, and privateowners David Piper and Dick Protheroe filled fifth and sixth slots ahead of some of the more important team entries.

It was a good T.T., the crowd having been truly entertained to exceptional motor racing by some of the World's leading racing drivers in big, powerful cars. What a good job, though, that the chaotic chicane incident did not occur in this race.



LAST Sunday's Snetterton meeting was run in the most appalling weather conditions. but nevertheless saw some very close and exciting racing. The meeting consisted of five events, the main one being the final of the Club Championship for Grand Touring cars. This saw a popular win for Ken Baker who, before the start of the meeting, was in an unbeatable position with 48 points. His nearest rival was Roger Nathan with 28 points, but he proved a Roger Nathan with 28 points, but he proved a non-starter after Goodwood on Saturday. In fact, Ken Baker finished second in the race to John Dean's E-type, but Baker set fastest lap which gave him 11 points, making a total of 59. David Baker and Alan Rees had the most exciting dice finishing 1, 2 in the Formula Junior race. Junior race.

The meeting started with an inter-circuit challenge race for B.M.C. cars with an engine capacity of under 1,100 c.c. Teams were entered by Brands Hatch, Snetterton and Mallory Park, but it was fitting that the home side chould win In forth Section 2010

Mallory Park, but it was fitting that the home side should win. In fact, Snetterton's repre-sentatives, Roger Bunting (Sprite) and Liz Jones (Mini-Cooper S), finished first and second, assuring their team of victory. Liz Jones was first away, but Roger Bunting was in the lead after one lap. Three laps later these two had pulled out a substantial lead over the rest of the field. An early challenge had come from Malcolm Bate's bored-out Morris-Cooper. Bate had been well up with Jones and Bunting until he had to retire with apparent ignition bothers. With half distance completed the Sprite and Mini-Cooper S had already lapped the back markers and it looked as if Liz Jones was closing the distance between her Cooper and the leading car. Setting fastest lap, Liz finished 2.8 secs. behind Bunting. Third man was J. Harris in an ordinary Mini-Cooper whilst Bill Kelly took fourth place in his whilst Bill Kelly took fourth place in his

Some fantastic driving was seen in the Some fantastic race when David Baker Some fantastic driving was seen in the Formula Junior race when David Baker succeeded in pipping Alan Rees right at the post. To begin with Rees led in the Roy Winkelman Lola with David Baker in the Midland Racing Partnership car in close attendance. By lap 4 the leaders had already caught up with the back markers, one of whom they passed on either side as they tore into Riches. Jack Hatter had held third place for the front couple of laps, well up with the leaders, until a high-speed trip into the cabbages on the Norwich straight put him out of the race. With Hatter's exit, M. Davies

(E-type), Kevin Keegan and Bill Shaw (Lotus Elite). The last named had made a bad start, but had come up through the field at a meteoric pace to challenge Fruitnight and Keegan, while John Miles had dropped back to sixth after his early lead. On the twelfth lap Keegan was nowhere in sight, having spun in his efforts to pass Fruitnight. This error dropped him from fifth to seventh position. Baker, realizing there were only a few laps to go, started to put the pressure on and on the sixteenth lap was only 4.5 secs. behind the leader. Slower was only 4.5 secs. behind the leader. Slower cars were baulking the leading cars and it was cars were bauking the leading cars and it was obvious that Dean was not going to be passed. Bill Shaw, driving superbly, inherited third place when Fruitnight retired brakeless on the seventeenth lap and Keegan finished in fourth place

Jack Oliver (Marcos) won the up to 1,150 c.c. class after a superb drive, with Chris McLaren, also in a Marcos, in second place. Warwick also in a Marcos, in second place. Warwick Banks had been going very well and, in fact, made fastest lap in this class till lack of brakes

racing and G.T. prototypes and was run in three classes. Overall winner was Mike Beck-with with the Normand-entered Lotus 23 with Alan Deacon in the Lister splitting Tony Headouring from bis toom much plitting Tony with Alan Deacon in the Lister splitting Tony Hegbourne from his team-mate. Hegbourne had led initially with Beckwith in close attendance. Alan Deacon lay in third place ahead of Julian Sutton (Lotus 23) and Stephen Minoprio (Elva). With four laps completed, Steve Minoprio moved up into fourth place to lead the 1,150 c.c. class, whilst Alan Deacon closed on Beckwith who, in turn, was catching Hegbourne. At half distance the first three cars were all close together, but all eyes were on Deacon who was really mixing it with the Normand-entered cars and, when Hegbourne took the escape road on the next lap, he moved took the escape road on the next lap, he moved up to second place. Hegbourne did what he could to make up time but still finished third, whilst Deacon was only a second behind Beck-

with, the winner. Considering the poor conditions, it was a remarkably good meeting and although there were many incidents, none were too serious—



CHRIS McLAREN's class-winning Jaguar 3.8 passes the pits, throwing out spray behind it. Umbrellas are the fashion in the pits.

Ken Baker Wins Club Championship

Snetterton M.R.C. Run Exciting Meeting Under Appalling Conditions BY PATRICK MONALLY

moved up to third place, but was being challenged hard by Charles Crichton-Stuart

challenged hard by Charles Crichton-Stuart (Cooper-Ford). With only two laps to go, Baker and Rees were really having a go and were at it tooth and nail all the way. On the last lap they emerged from the hairpin side by side, but it was Baker who was first through Coram to take the flag a nose ahead of the Lola. Farther back Crichton-Stuart held third place from Davies. Fastest lap went to David Baker, whose Lola lapped in 1 min. 53 secs. on a streaming track. streaming track

whose Lola lapped in 1 min. 53 secs. on a streaming track. Next came the final of the S.M.R.C. Club Championship. Surprise winner was John pean, who lapped his E-type consistently, covering the 20 laps in 41 mins. 16.8 secs., an average speed of 78.78 m.p.h. The start was speting little adhesion in the wet and the traffic jam at Riches being even more severe than usual. Kevin Keegan (Elan) had made a very poor start from pole position but John Miles (Turner) had taken full advantage of the crowd's delight as the cars passed the pits on their first lap. Ken Baker, in the bronze E-type, was in second position and John Dean of the lead, Miles dropping back to second place. Mis Elan and by lap 5 was in fourth position. By this time Baker had passed the Turner had was hard on Dean's heels, but it was anybody's race for second place.

caused him to shunt the back of Oliver's Marcos on braking for the hairpin. This, no doubt, helped the Marcos enormously through the corner but, unfortunately, necessitated Warwick's retirement in the Turner. John Miles, who had been going so splendidly, won the $2\frac{1}{2}$ -litre class in his Classic-engined Turner whilst Neil McNab (A.C. Ace) pipped Nick Downie (T.V.R.) by a headlight lamp after a race-long duel. The weather worsened for the saloon car

a headlight lamp after a race-long duel. The weather worsened for the saloon car race but did little to dampen Nick Abbott's progress. Abbott led from start to finish in the 1,650 c.c. Anglia to win from Chris Craft's Orange Peel Special, his trusted old Ford Anglia (Craft wrote off his new Cortina at Brands). Abbott had made the best start and was well in the lead as they went through the hairpin, followed by Craft and Alan Peer. Craft was unable to keep up with Abbott and at half distance was a good 200 yards behind. Farther back Doc Merfield was engaged with John Adams's Jaguar which he succeeded in passing when Adams spun it in every direction on the exit from Coram, but Merfield was now passing when Adams spun it in every direction on the exit from Coram, but Merfield was now being pressed by Liz Jones's S-type. Liz was going incredibly quickly and was pushing Merfield very, very hard. A lap later Merfield overdid it at the hairpin, inflicting heavy modification to the front of his Lotus Cortina; Liz Jones avoided and continued on her cor Liz Jones avoided and continued on her con-sistent and very rapid way. The lead was never in doubt, with Abbott romping home ahead of Craft and Peer' holding his third place. Chris McLaren won the over 2,000 c.c. class in his 3.8 Jaguar and Liz Jones the up to 1,300 c.c. class in her Alexander-entered car. The last race of the day was for sports-

though I doubt the owners of the two Elites inverted after Coram agree with me.

RESULTS

<text>

294

CLUB NEWS

By ROBERT GRANT

THIS year's "Vales," which qualifies for the R.A.C. Rally Championship of Great Britain, the B.T.R.D.A. Gold Star, Motoring News Championship and the Welsh Rally Championship, promises to be the toughest put on to date. In the Swansea M.C. event on 21st-22nd September there are classes for experts, semi-experts and non-experts. Cash and awards are worth over f200, the premier award being the Daily Telegraph Trophy. It is a restricted event and invitation is open to the Steel Company of Wales M.C., Welsh Coun-ties C.C., South Wales A.C., Newport C.C., Pembrokeshire C.C., Lampeter M.C. and the Herefordshire M.C. Entries should be sent to Miss E. P. Daniel, "Cefn Eithen", 56 Glanmor Road, Swansea, not later than 13th September. ... The Hants and Berks M.C. are holding their 12th Experts' Night Navigation Event on 28th-29th September. Invited clubs are the Chiltern C.C., C.S.M.A. Combined One Make C.C., Craven M.C., Farnborough D.M.C., Harrow C.C., Haslemere M.C., Herts County A. and Ae. C., Seven-Fifty M.C. and the Windsor C.C. The new "Rights of Way" edition of O.S. Map 158 will be used, with the start and finish at Rowstock Corner Garage. This year's theme involves finding Alice and other Carrollian characters as well as the site of the Mad Hatter's Tea Party which, oddly enough, will take place in the early morning! Regs. are available from D. Hogg, Cherry Court,

COMING ATTRACTIONS

FOREIGN EVENTS

- FOREIGN EVENTS 1st September. AUSTRIAN GRAND PRIX, Zeltweg (F.1). NÜRBURGRING 500-KILOMETRES, Ger-many (G.T.-1. T.). ZANDVOORT, Holland (F.J., T.). 7th-8th September. ROAD AMERICA 500-MILES, U.S.A. (F.J., S., G.T.). 8th September. ITALIAN GRAND PRIX (F.1) and INTER-EUROPE CUP (G.T.-2, 3), Monza, Italy.

- Monza, Italy. PORTOROZ, Jugoslavia (F.J., G.T.).

BRITISH EVENTS

BRITISH EVENTS 31st August. B.A.R.C. Race Meeting, Oulton Park, near Tarporley, Cheshire. Starts 2 p.m. SUNBAC Race Meeting, Silverstone, near Tow-cester, Northants. Starts 12 noon. Mid-Cheshire M.C. Sprint, Press Heath, near Whitchurch, Salop. Morris-Commercial Apprentices' M.C. Sprint, Wellesbourne, near Stratford-upon-Avon, Warwickshire.

- Wellesbourne, near Stratford-upon-Avon, Warwickshire.
 Hagley and D.L.C.C. Driving Tests. Starts Maudslay Motor Works, Great Alne, near Alcester, Warwickshire, at 1 p.m.
 31st August-1st September. Elland M.C. Pennine Rally. Starts Cromwell Garage, Elland Road, Brighouse, Yorks, at 11 p.m.
 Bolton-le-Moors C.C. and B.A.R.C. (N.W. Centre) Bolton-B.A.R.C. Rally. Starts Welshpool, Montgomeryshire.
 1st September. B.R.S.C.C. Race Meeting, Mallory Park, near Hinckley, Leics. Starts 2 p.m.

 - st September. B.R.S.C.C. Race Meeting, Mallory Park, near Hinckley, Leics. Starts 2 p.m.
 B.R.S.C.C. (S.W. Centre) Hill-Climb, Wis-combe Park, Southleigh, near Colyton, Devon. Starts 12 noon.
 B.A.R.C. (S.E. Centre) and M.G.C.C. (S.E. Centre) Hill-Climb, Firle, near Lewes, Sussex. Starts 1.30 p.m.
 London M.C. Sprint, Brands Hatch, near Farn-ingham, Kent.
 Coventry and Warwickshire M.C. Sprint, Cohurch Lawford, near Rugby, Warwickshire.
 Seven-Fifty M.C. (Tunbridge Wells Centre) Autocross. Starts Isenhurst Manor, Cross-in-Hand, near Heathheld, Sussex, at 1.30 p.m.
 Worksop and D.M.C. Autocross. Starts Retford, Notts.
 Harrow C.C. Cottingham Memorial Autocross. Starts Colne Park, near Earls Colne, Essex, at 12.30 p.m.
 Liverpool M.C. Swan Autocross. Starts Station Road, Thurstaston, Wirral, Cheshire, at 1.15 p.m.
 Plymouth M.C. Ivybridge, Devon.
 Romford E.C.C. Driving Tests. Starts North Weald, Essex., Railton O.C. Driving Tests. Starts Blackbushe Aerodrome, near Camberley, Surrey, at 11.30 a.m.
 Malden and D.M.C. September Morn Driving Testis. Starts Kingston Baracks, Kingston-upon-Thames, Surrey, at 11.30 a.m.

Burghfield Common, Reading, Berks, and they close on 21st September. . . . The Eelmore Plain Sprint meeting will be held on 29th September and it is a closed event for the Allard O.C., Herts County A. and Ae. C., North London E.C.C. and the Triumph Sports Owners' Association. The sprint will consist of two runs of two laps each round a half-mile circuit, with left- and right-hand turns and short straights on a metalled surface. A handicap will apply to the ladies' and to the team awards. Secretary of the meeting is Mrs. R. W. May, 25 Hardinge Road, Kensal Rise, N.W.10. . . . The Lancashire and Cheshire C.C. are promoting a restricted production car trial at Allgreave, near Macclesfield, on 21nd September. Naturally enough, since the event is a B.T.R.D.A. as well as the Shen-stone and D.C.C., Hagley and D.L.C.C., Knowldale C.C., North Wales C.C., Caven-dish C.C., Mid-Cheshire M.C., Liverpool M.C., North Staffs C.C. and SUNBAC. The entry list opens on 30th August and regs. are available from Brian Harrison, 77 Parsonage Road, Heaton Moor, Stockport, Cheshire, not later than 18th September. There will be three classes: front-engined saloon cars using only standard tyres, front-engined cars other than saloons using only standard tyres (exclu-ding specials and Dellows), and rear-engined Burghfield Common, Reading, Berks, and they close on 21st September. . . . The Eelmore three classes: front-engined saloon cars using only standard tyres, front-engined cars other than saloons using only standard tyres (exclu-ding specials and Dellows), and rear-engined cars of any type using only standard tyres. . . . The **B.A.R.C**: (S.W. Group) are organizing a restricted "September Sprint" at the R.A.F. Station, St. Athan on 8th September. There are no fewer than 20 classes which should cater for most people except poss-ibly gas turbine owners! Invitation is open to the South Wales A.C., Swansea M.C., Midland A.C., Welsh Counties C.C., Aberdare M.C., Herefordshire M.C., Bugatti O.C., Newport C.C., Barry A.C. and the BNS A.C. Entries should be sent to the Secretary of the Meeting, V. M. Hesketh, Greenhill Villa, Crickhowell, Breconshire. . . The eighth lyybridge Autocross organized by the **Plymouth M.C.** will be held on 1st September at Cleeve Manor, Ivybridge, Devon. This is a qualifying event for the Association of South Western Motor Clubs' Autocross Championship. Regs. are obtain-able from the Secretary of the Meeting, B. A. Bloxsome, 52 Fairview Avenue, Laira, Ply-mouth, Devon. . . . The Harrow C.C. in con-junction with the Chiltern C.C. and the Circle C.C. are co-promoting a restricted sprint meeting at Brands Hatch on 15th September. Invitation is open to the Austin-Healey C., Sevenoaks and D.M.C., Sporting Owner D.C., M.G.C.C (S.E. centre), Maidstone and

EAST YORKSHIRE C.C. B.A.R.C. (YORKS CENTRE) YORKSHIRE S.C.C. AUTOCROSS

Four cars on the course at a time provided an unusual feature in the Yorkshire com-bined Autocross, held jointly by the East Yorks Car Club, the Yorks Centre of the B.A.R.C. and the Yorks Sports Car Club at Harewood on Sunday, 17th August. For the only autocross to be held this year by the combine, the organizers found a circuit just short of 1,000 yards in length and almost

Just snort of 1,000 yards in length and almost in a figure of eight shape. By carefully syn-chronizing start times by a red and green light, with the passage of cars around the circuit, four cars could be racing at any one time without any chance of narrowing the gap and causing ballking.

causing baulking. It was quite a sight when four hot Cooper-Minis were buzzing around at once—all appearing to travel in different directions and looking from a distance as though all four were at times on converging paths.

were at times on converging paths. It was the Mini class which provided most of the thrills, especially when class winner, F. P. Kaye, "lost" his Mini-Cooper after crossing the line and spun off into the scenery. Norman Umpleby also had a moment when his entry suddenly became the only Mini-Cooper three-wheeler in Yorkshire: a front wheel tore off over the studs. Ken Lee in his Mini-Cooper S was runner-up

Ken Lee in his Mini-Cooper S was runner-up with Derek Clark driving the same car third. Ken Lee also took first place in the next class in his hot Morris 1100, three sees, better than B. Stenweich cimilar and in second cast

B. Strauss's similar car in second spot. The large capacity saloon class was a needle match between Bob Monkman's

Mid-Kent M.C., Advertising M.C., Mini-Se7en C., Farnborough D.M.C. and the American D.C. Entries close on 6th Septem-ber and forms are available from G. F. Daws, ber and forms are available from G. F. Daws, Lismore Cottage, Sparrows Herne, Bushey Heath, Herts. . . The Seven-Fifty M.C. are organizing the final of the Aurosport Driving Tests Championship at their closed meeting at Blackbushe Aerodrome on 22nd September. Classes will be formed by the organizers into groups of cars that, as far as it is possible, will be of similar performance. In addition there will be two classes qualifying for the Aurosport Championship for standard pre-war Austin Sevens and for 750 and 1172 Specials. The entry list closes on 16th Septem-ber and forms are obtainable from Mrs. Betty Emerson, Merry Meeting Cottage, Pinkneys Green, Berkshire. . . The Elland M.C. are organizing this year's Pennine Rally on 31st August-1st September. It is a restricted event and the Halifax M.C., Huddersfield M.C., B.A.R.C. (Yorkshire Centre), De Lacy M.C. of Pontefract, Ilkley and D.M.C., Fylde M.S.G., York M.C. and the Glossop and D.M.C. are invited to compete. The rally will be over 180 miles of non-damaging surfaces with no nonsense, no trickery and lots of silverware. Neither is the event affected by the "Summer speed restrictions". Regs. and entry forms are now available from N. Wrigley, 2 Lichfield Close, Denshaw, near Oldham. . . . The Southport M.C. are co-promoting a closed Autumn Autocross in conjunction with the Chorley A.C., Liverpool M.C., Preston A.C., St. Helens and Wigan C.C. and the West Lanes C.C. at Scarisbrook, Southport, on 8th September. Major awards will be pre-sented for B.T.D., and for the best time based on the Index of Performance; there will also be six class awards, a team award and an award for the fastest lady competitor—the latter not to be taken too literally! Since entries are limited to the first 75 applicants, and a full entry is expected, intending compe-titors are advised to contact Joe Rose, 85 Ley-land Road, Southport (Tel.: Southport Sc648), without delay. . . The Lancashire and Cheshire C.C. in conjunction with the Mid-Cheshire M.C. are organizing a five-hour re Lismore Cottage, Sparrows Herne, Bushey Heath, Herts. . . . The Seven-Fifty M.C. are organizing the final of the AUTOSPORT Driving

Cortina G.T. and Geoff Thompson's Volvo, and although Monkman improved by some 4 secs. on his last run on the rapidly drying course, Thompson improved just a little more

course, Thompson improved just a little more and took the class. Best time of the day was set by autocross expert, Norman Coates, in his versatile N.H.C. Special; he did the first of his four times runs in a rousing 1 min. 40.8 secs.—the fastest by far at that time. His nearest challenger in the class was R. G. Firth, with his R.G.F. Special, who managed 1 min. 44.2 secs., but R. D. Sutherland (Sprite), when winning the small sports car class, set second best time of day and worried Coates with a time of 1 min. 41.4 secs. On the last run of all Coates improved still more and set a time of 1 min 40.2 secs.—one more in a long list of autocross successes. Afterwards, Norman said that he was feeling as though the bumps of autocross were getting a bit much bumps of autocross were getting a bit much bumps of autocross were getting a or intern for him and was thinking of retiring from the sport—but many suspect that he will not be able to resist trying the car he built himself against all comers at least once more! Arnold Burton's Lotus Elan was ideally

suited in the large sports car class and won by nearly three secs. from John Netherwood's Austin-Healey.

PETER CRAVEN.

RESULTS

RESULTS B.T.D.: N. H. Coates (N.H.C. Spl.), 1 m. 40.2 s. Touring Cars. B.M.C. Minis: 1, F. P. Kaye (Mini-Cooper), 1 m. 46.3 s.; 2, K. N. Lee (Mini-Cooper S), 1 m. 47.2 s.; 3, E. D. Clark (Mini-Cooper S), 1 m. 48.3 s. Up to 1,350 c.c.; 1, K. N. Lee (Morris 1100), 1 m. 50.8 s. Over 1,350 c.c.; 1, G. Thompson (Volvo), 1 m. 52.5 s. Sports Cars up to 1,150 c.c.; 1, R. D. Sutherland (Sprite), 1 m. 41.4 s. Up to 1,900 c.c.; 1, A. J. Burton (Lotus Elan), 1 m. 47.0 s.; 2, W. J. Netherwood (Austin-Healey 3000), 1 m. 48.8 s. Specials up to 2,000 c.c.; N. H. Coates (N.H.C. Spl.), 1 m. 40.2 s.

larly if all the cars are the same model, and with a similar outward appearance. Other categories are acceptable: for example, Vintage, Continental, Ford-engined, Climax-engined, etc. Entries must be made individually, but may be submitted through a team manager. Entries close on 7th September and forms are obtainable from A. S. Atkinson, 12 Crewe Road, Shavington, near Crewe, Cheshire. . . . The Vickers-Armstrongs (Hurn) C.C. are holding a restricted driving tests meeting on the Undercliffe Drive between Bournemouth and Boscombe Piers on 6th October. The status is restricted hough basically the idea is to encourage clubs from other parts of the country to come South and compete. It is felt that the normal restricted event is rather limiting area-wise in the number of compe-titors available. Invitations have been sent to categories are acceptable: for example, Vintage, titors available. Invitations have been sent to all competing R.A.C. clubs in Great Britain so that competitors should be well mixed up. Teams must consist of one production saloon car of any capacity, one sports car any capa-city, and one special any capacity. Teams who do not have a special may enter two sports cars. Entries close on 22nd September and forms are obtainable from D. Jackson-Smith, 35 Sandford, Ringwood, Hampshire, . . . A reminder that the trials season is not all that far off now comes from the Motor Cycling C. They are organizing the 9th Derbyshire Trial on the 5th October. The event is closed to the M.C.C. and the Army M.C.A. and it is the second of the three qualifying events for the 1963 Triple Award and also for the annual Individual and Team Championship Awards. Individual and Team Championship Awards. Entrants wishing for a late number need not hold up their entries but should mark them "late number required". Entries should be sent to L. G. Eckett, 1 Holmdene Avenue, Mill Hill, London, N.W.7. . . . SUNBAC are promoting a restricted hill-climb meeting at Ragley Park on 14th September. The invited clubs are the Midland A.C., Dudley and D.C.C., B.A.R.C., B.R.S.C.C., 432 M.C.,

SOUTHERN C.C. DRIVING TESTS

THE Southern Car Club organized another of their Restricted Driving Tests meetings, this time the "Tavern Cup" event on that uninspiring area of wasteland so beloved of the W.D. at Liphook, Hants, on Sunday, 18th August.

The weather was indifferent, but kind The weather was indirected, but Kind enough to the organizers to remain dry, if dull. The entry was similar, although one of the class winners was seen indulging in alcoholic satisfactions after the results were announced.

This club favours a somewhat cumbrous system of classifying entrants' cars by a system of stating in the regulations what class each or stating in the regulations what class each particular make and model shall be entered in. This results in not a few anomalies, including putting Imps and Fiat 500/600s in the same class as all types of ADO15s. Thus few of the latter were entered and no Imps or Fiats. In fact the entry was only 24 in total, probably as a joint result of venue location and holiday time.

as a joint result of venue location and holiday time. Further entries were possibly "put-off" by the organizers' decision to allow entrants only one go at each test, albeit Tests 1-4 were repeated as Tests 5-8 without alteration, both sets of times to count. The remaining four tests were simple variations using the same set-up as 1-4 and 5-8. None of the tests was remarkable in any way and seemed rather to harp on the "back and forth" transmission wrecker types rather than those requiring great skill in handling. One or two marshals' decisions were a little suspect as well, but the Clerk of the Course, Alan Hassell, handled these problems with great diplomacy. The writer established an early lead in his Mini class which he consolidated, despite a disgraceful number of errors and one test performed incorrectly. John Greenfield's Renault R8 looked better than one would have thought and in his hands certainly put up a

thought and in his hands certainly put up a

better show than the Dauphine would. Bryan Greaves was his usual imperturbable large self and fitting the Midget cockpit so accurately his handling of the car was neat and precise. A power to reckon with when he gets used to it gets used to it.

The large saloon class provided some enter-tainment when Jack Ruff placed his Rapier neatly in a ditch beside a brick wall without damage except to pride, but at least he tried to handbrake turn the beast. The eventual winner

Hagley and D.C.C., Midland M.E.C., Bugatti O.C., Coventry and Warwickshire M.C. and the Seven-Fifty Club. Entries close on 4th September and should be sent to Miss R. Fletcher, 60 Victoria Road, Quarry Bank, Brierley Hill, Staffs.... The Dudley and D.C.C. in association with the Lucas M.C. and the Wolverhampton and South Staffs C.C. are holding a closed driving tests meeting at Ettingshall, Wolverhampton, on 8th Sep-tember... The B.A.R.C. (S.E. Centre) and the Circle C.C. are co-promoting a closed sprint meeting at Brands Hatch on 29th Sep-tember. The event is a qualifier for the 1963 Drivers' Aggregate Trophies of both clubs. There are 12 classes but none for racing cars. Closing date for entries is 22nd September and they should be sent to J. W. Cridford, Elendon, Lytton Road, Hatch End, Middlesex... The Airedale and Pennine M.C.C. are promoting the eighth annual White Horse Rally on 28th-29th September. It is a restricted event and invitation is open to the B.A.R.C., Halifax M.C., Huddersfield M.C., Caldervale M.C., Cavendish M.C., De Lacy M.C. of Pontefract, East Yorkshire C.C., Ilkley and D.M.C., Knowldale C.C. and the Stockport M.C. The rally will be of approximately 150 miles and will incorporate a modified version of the famous *Express and Star* timing system. The entry list closes on 18th Sepversion of the famous Express and Star timing system. The entry list closes on 18th Sep-tember and forms are available from W. H. Barker, Rutland House, Pool Road, Otley The **B.R.S.C.C.** are organizing a restricted race meeting at Rufforth on 14th September. race meeting at Rufforth on 14th September. Entries close on 4th September and invitation is to the Border M.R.C., B.A.R.C., Darling-ton and D.M.C., Mid-Cheshire M.C., M.G.C.C., Nottingham S.C.C., Newcastle and D.M.C. and A.N.E.C.C.C. Championship entrants. Completed forms should be sent to G. L. Johnson, 152 Birchwood Hill, Leeds, 17.... The Huddersfield M.C. are pro-moting a restricted driving tests meeting at Leeds Road, Huddersfield, on 15th September.

was provided by this class with Tony Eldridge handling his Farinawagen very snappily. Not the best of vehicles for this type of thing! He improved on his earlier performance in Test 7 by no least the 10 by no less than 10 per cent. in the class

winners' run-off. Southern Car Club can feel satisfied with this event, but by no means elated with a

LEO CRUTTENDEN.

RESULTS

Overall Winner: Tony Eldridge (Austin A55). Class Winners: Leo Cruttenden (Austin-Cooper); John Greenfield (Renault R8); Tony Eldridge (Austin A55); Bryan Greaves (M.G. Midget).

YORK M.C. AUTOCROSS

A nentry comprising of 37 cars, ranging from Mini-Minors to a Mulliner Bentley Con-tinental, took part in the second Autocross for York Motor Club members at Howsham,

The field, which was kindly loaned by Miss L. M. Strickland, gave the organizers ample scope for a first-class course. Unfortunately, owing to continuous heavy rain, the course was turned into a mud bath and no good

times were recorded. A splendid job of work was accomplished by the organizers who had the results duplicated and into each competitor's hands within half an hour of the last car finishing his run. ROLAND T. OXTOBY.

RESULTS

B.T.D.: J. Nottingham, 61.2 s. Class Winners: D. Lowther, 65.0 s.; D. Nicholson, 76.4 s.; G. Oddy, 69.1 s. Ladies Award: D. Frost, 72.10 s. Novice Award: R. Kirk, 67.8 s.

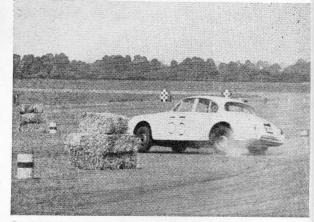
JAGUAR APPRENTICES M.C. JAGUAR D.C. HUMBER PUPILS AND APPRENTICES M.C. WELLESBOURNE SPRINT

UNDER excellent weather conditions the Wellesbourne Sprint, on 17th August, went smoothly and without any serious incidents. A novel course of 1.5 miles was used, which consisted of a left-handed loop containing a straight of over 4-mile followed by a chicane calling for some careful braking calling for some careful braking.

This is a qualifying event for the B.T.R.D.A. Flather Star and the B.A.R.C., B.T.R.D.A., Airedale and Pennine M.C.C., Elland M.C., Halifax M.C., Ikley and D.M.C., Morecambe C.C. and the Sheffield and Hallamshire M.C. are invited to compete. The entry list closes on 7th Sentember and ambiention cheruld be are invited to compete. The entry list closes on 7th September and application should be made to M. V. Lockwood, Quietways, Cleve-land Road, Edgerton, Huddersfield. . . . The Shenstone and D.C.C. are promoting a restricted sprint meeting at Lichfield, Staffs, on 22nd September. The classes include a *Formule Libre*, Vintage and a P.V.T. class. The Bugatti O.C., SUNBAC, Midland A.C., Midlands M.E.C., Hagley and D.L.C.C., Vintage S.C.C., G.T. C.C., B.A.R.C. (Mid-West Centre) and the Nottingham S.C.C. are invited. Entries close on 17th Sep-tember and should be sent to S. W. Davis, 10 Wavenham Close, Four Oaks, Sutton Cold-field, Warwicks. . . The Thames Estuary A.C. for Wavennam Close, Four Oaks, Sutton Cold-field, Warwicks. . . The Thames Estuary A.C. are also promoting a restricted sprint meeting at Debden on 22nd September. There are 17 classes and invitation is extended to the B.R.S.C.C., West Essex C.C., B.A.R.C., Romford Enthusiasts C.C., Seven-Fifty M.C., Fast Anglian M.C. Sevenaks and D.M.C. East Anglian M.C., Seven-Fitty M.C., East Anglian M.C., Sevenoaks and D.M.C., M.G.C.C., Eastern Counties C.C. and the R.A.F.M.S.A. Entries should be in by 16th September and P. E. Austin, 65 St. Andrew's Road, Shoeburyness, Essex, has the Andrew's Road, Shoeburyness, Essex, has the forms. . . The Surrey Sporting M.C. are holding their annual Sortie Rally on 7th-8th September. The route covers 180 miles with 75 manned controls. The Clerk of the Course is confident that the event will be won on the road, hence no tests are included. The following clubs are invited, B.A.M.A., B.A.R.C., East Surrey M.C., Guildford M.C., London M.C., Oxford M.C., M.G.C.C., Sevenoaks and D.M.C., Tunbridge Wells M.C. and contenders for this year's Rally Champion-ship of the A.S.E.M.C. Further details are available from B. Parker, 50 Greenview Avenue, Shirley, Surrey.

The first incident of the day occurred when D. Hobbs demolished the latter part of the chicane in his first practice run. Serious motoring started after each competitor had completed two practice runs. The competition for B.T.D., being hotly contested by Cliff Ward (Jaguar 3.8) and Bill Nicholson (M.G.B), was finally won by the latter. The closest competition occurred in the class for Mini-Coopers and, after the lead changed hands five times, J. Brown finally took the honours from C. Leaver. Good performances were also put up by P. Batten in a very quick Rapier, G. Dart and

P. Batten in a very quick Rapier, G. Dart and G. Ward in 3.8 Jaguars, A. Hughes in his own special and A. D. Johnson in his XK 120. ANDREW WHYTE.

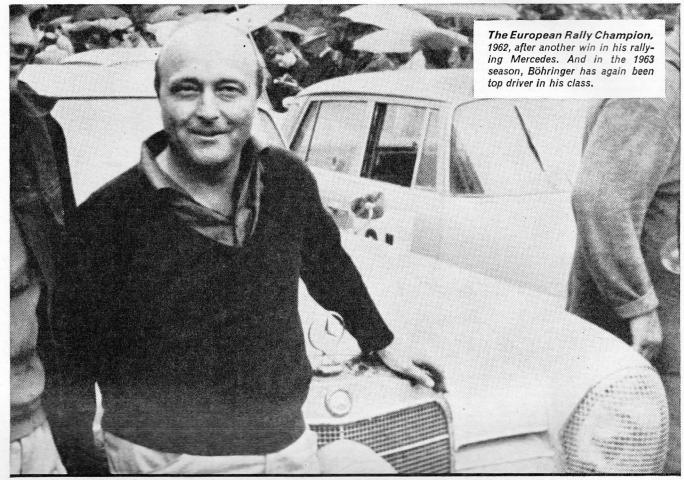


OVERCOOKING it is the 3.8 Jaguar of G. Dart, who finished second in the unlimited saloon class.

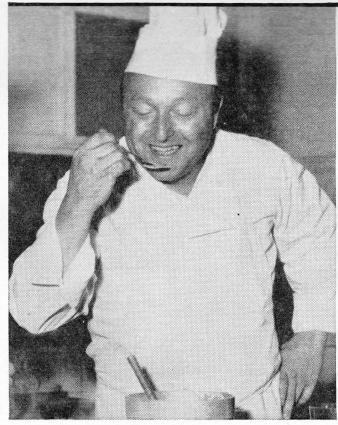
RESULTS

RESULTS B.T.D.: W. Nicholson (M.G.B). Mini-Coopers: 1, J. Brown; 2, C. Leaver. Saloon Cars up to 1,000 c.c.: 1, J. Arundale (Imp); 2, A. Cormack (Imp). Up to 1,800 c.c.: 1, P. Batten (Rapier), 2, D. Attwood (Vitesse). Unlimited: 1, F. Ward (Jaguar 3.8); 2, G. Dart (Jaguar 3.8). Sports Cars up to 1,500 c.c.: 1, A. Hughes (Ford Special): 2, R. Gibbons (M.G.). Over 1,500 c.c.: 1, B. Nicholson (M.G.B); 2, J. Ensor (TR3). XK and E Series Jaguars: 1, A. D. Johnson (XK 120), 2, L. Ryder (XK 120).

295



The double life of



The King of the Rallies and a Lord in the Kitchen too

The Eugen Böhringer every fan knows—hard eyed and single minded, a man of sinew and steel in his proud rallying Merc. This is 'The King' indeed.

But there is another, a largely unsuspected Eugen Böhringer—a cheerful little man of sweeping gestures and twinkling good humour under the tall chef's cap. Böhringer, the innkeeper.

"If one has the sense and the love for cooking, it can be the same thrill as beating the rally. You must be precisely, exactly right in what you do and how you do it, or ---phoo !---a failure.

No failure in either field, this man. Between rallies The King hurries home to his high, handsome Hilltop Inn, overlooking his own meticulous vineyards in the rich foothills of southern Germany. With his family and his well-drilled staff around him, he is host and head chef and, always, the most cheerful mixer among the guests themselves. A joke and a challenge The Inn's crowded terrace overlooks a village of slate-roofed houses and the great Neckar valley below, where the square office tower of Mercedes Stuttgart works can be just picked out in the distance.

Mercedes and Böhringer. The history of recent years' rallying has woven the two names tightly together.

It was in fact right here on the terrace that innkeeper Böhringer got the initial push into his second career. It was a night in 1958. After dinner he emerged from the kitchens to join a table of Friday-night regulars, joking that evening over a new event in the town—a Motoring Gymkhana. Mock challenges were being flung about and cheerful wagers made. And before he knew quite where he was, Eugen Böhringer, innkeeper, found himself entered as Eugen Böhringer, driver.

He took a surprise First Place next day. And he has never looked back.

The boy at the back. And it was here, too, on the terrace, that he years ago first happened to meet his current protégé. In those days, with only a keen spectator's interest in motor sports, he delighted particularly in the Sunday morning visits of neighbour Hermann Lang, the famous pre-war GP driver. The two, over mugs of wine, would gossip about the great days "On some parts of the rally," smiles Lang, "Eugen is absolutely intent. During the special tests, for instance, you would never speak to him. But then later he becomes very jovial. We are then always laughing and joking about. Sometimes he may speak of a little problem like 'wouldn't it be fine if we had harder brakes.' But most of the time he chats on about people we know or about music. Presley perhaps, or maybe just about the inn and the new wine."

Liège-Sophia-Liège The Inn and the vineyard are, after all, still the real centre of this Rally King's world. In 1949 he returned from a Russian POW camp to find his father's restaurant bombed to the ground. Today's handsome buildings are his own design, and built largely by his own hands.

Sheer physical energy is the quality that first strikes you on meeting this effervescent man. This is a man with total response to the basic challenge of the rally.

"My excitement is in the things demanded by the rules of the rally. Just to be able to master them and attain them—to say, 'I did it'—that is the thrill. The toughest rally today? I think maybe it is the Liège-Sophia-Liege, but then each rally has such a distinct character that it is not easy to say." (Last year Böhringer and Lang came first in this one. But this year Peter Lang will not be



and the great cars. And, quiet in the background, Lang's young son, Peter, hung on every word.

Years went by. Young Peter Lang had grown to a lanky nineteen and become an apprentice at the Daimler Benz works, while Böhringer had meantime become one of the great drivers himself. Then an executive of the firm planted in Böhringer's mind the idea that this lad might have the makings of a co-driver. "Okay," shrugged Böhringer. "If he's good enough."

'Good enough' means, to Böhringer, very good indeed. Once in the car he makes no allowances. "Drive fast," he told Lang on their first test run, "but not recklessly. If all you want is speed, then use your own car, not this one."

People and Presley Lang proved he had the makings, and a team was born. A good one. "Harmony is the important thing," Böhringer chuckles. "And we two get along. Do you know, just because I gave up cigarettes, Peter himself never smokes while we are rallying. Heroic! Mind you, he makes up for it as soon as the rally is over."

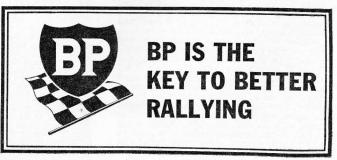
And what does Lang himself say of driving with The King?

beside him. He is being held back at the Mercedes works to complete the apprentice training that this sternminded company insists must come first.)

The most exciting rally? And which rally has been the most exciting he has driven? The King thinks. Shakes his head. Laughs. "*Ah*, they are all exciting, every one !"

And so they will always be to a man like this, a man with a natural talent for extracting the satisfying heart out of any sort of challenge—in his car *or* in his kitchens.

The Mercedes team and Eugen Böhringer choose to rally on BP Fuel and BP Visco-static LONGLIFE motor oil



HEAVY rain in practice did little to spoil the admirable sprint staged at Castle Combe by the Dursley Club recently. Run along rather different lines this year, the event consisted of some three-quarters of a mile of the circuit, and incorporated the tricky double apex bend at Paddock, which, in the wet, pro-duced a number of thrills and spills, with even such stalwarts as Tom Pascoe, in his ubiquitous grey Porsche, indulging in the most unusual manoeuvres before going on to a class win later in the day. However, the afternoon was fine and the track dried out, giving David Good an opportunity to notch up a further B.T.D. with his Cooper-Daimler in 32.54 secs., challenged, in the unlimited racing car class, by Ken Wilson, whose recent acquisition of a B.R.M., left at home on this occasion, did nothing to prevent him from returning a hairy 35.33 secs. in his old faithful Lister-Jaguar. Charles Sgonina's Aston Martin DBR1 sounded magnificent on full song and came into third place with 36.67 secs., while the small racing class was dominated by Austen May's ex-M.R.P.F.J. Cooper, which rocketed round in 35.97 secs. and then broke a drive-shaft and retired. Samuel's remarkable Tiger Shrike was plagued with fuel troubles and never got under way, while Wally Cuff annexed second place with his Cooper in 36.04 secs. Opener on the programme had been the apex bend at Paddock, which, in the wet, pro-duced a number of thrills and spills, with even 36.04 secs.

36.04 secs. Opener on the programme had been the class for small saloons which, sensibly, was open to all-comers. Mrs. Diane Giddings hurled her standard Morris Mini round with great verve, undeterred by a slight excursion in practice, and N. Trickett's greatly modified and lightened Group 3 Mini, despite such refinements as having its plugs carried about in a ir of ether, was unable to improve on and lightened Globaly 5 Mini, despined about in a jar of ether, was unable to improve on 45.57 secs. for the class win, a time which makes an interesting comparison with the 47.29 secs. returned by Tony May's Group 2 Broadspeed Austin for second place. In the next larger class Ron Fry's Downton Mini-Cooper S, by dint of astronomical revs and a take-off which, with less conventional tyres than R6s, would have left the car standing still, annexed the class with 40.33 secs. The production sports car classes were extremely closely fought; among the 1-litre cars, Arnold Cook's Sprite, with 40.56 secs., just held off the challenge of Roy Ashford's Midget, which clocked 40.66 secs. In the very heavily subscribed 1,600 c.c. class com-petition was equally keen, and the combined

SOUTHSEA M.C. AUTOCROSS

The Southsea Motor Club's Autocross was held at Privett near Winchester on Sunday, 18th August, in good sunny weather. It was considered by most competitors to be one of

considered by most competitors to be one of the best organized events of the season, most of the leading drivers of the "Autocross Circus" turning up to run on an interesting, bumpy and rather stony circuit. Class 1 provided Ted Crocker with his usual win. Janos Odor chased him hard in the Janspeed 850 to secure second place, with David Gill an excellent third. Class 2 brought forth a swarm of Mini-Coopers and Frank forth a swarm of Mini-Coopers and Frank Pryor's blown 850. The motoring was very hectic, Ralph Wilding leaving it to the last run

heetic, Ralph Wilding leaving it to the last thin to win the class, but only just from a very determined Ted Williams with one of last year's works Coopers. Sir Peter Moon threw a red version at everything to finish third. The third and fourth classes were amal-gamated, but still Frank Burton won in his very successful Volkswagen. R. N. Thomas drove a 'Y'-type Ford to second place, but the other driver up-ended it very spectacularly.

drove a 'Y'-type Ford to second place, but the other driver up-ended it very spectacularly. Class 5 provided Geoff Snow with his usual win in the red twin-bumpered Vitesse; several examples of Volvo, Riley 1.5, Rapier and Hillman fought out the rest of the class. Classes 6 and 7 were amalgamated and proved to be a repeat of the season-long battle between the M.G. Midgets of Keith Ross and Gerry Bristow; Gerry did it this time. Third was an M.G.B which spent a lot of time airborne. The final class had all "the sound and fury" in it. Unfortunately Ken Piper's device, Tiny Tim, now Jaguar C-type engined, devoured two clutches during the day and he could only do one run. Mrs. Parkin made B.T.D. in the Lotus Cannonball. It must be admitted, in defence of we mere males, that

AUTOSPORT, AUGUST 30, 1963

Dursley M.C. and L.C.C. CASTLE COMBE SPRINT

efforts of the Lotus Elites of Hugh Pollard and F. Lyons, with 41.86 and 42.00 secs. respectively, were not enough to dislodge Gordon Kitsell, who took his Downton Sprite into first place to the tune of 41.49 secs. In the unlimited class, the wide open spaces of Castle Combe were easy meat for Ron Fry's Berlinetta which, with 36.20 secs., led home Tom Cunane's Ford-powered Ace and Ian

Swift's Morgan by a comfortable margin. The presence of Ray Terry's very special Lotus would normally have made the small sports-racing class something of a foregone conclusion, but on this occasion the car was far from on its usual form, misfiring its way round in a faltering 38.13 secs. for second place and letting Colin Watts into the class win with 37.62 secs. in his Lotus Eleven. John Genfton brought his Super Seven into third Grafton brought his Super Seven into third place with 38.37 secs., while the unlimited class saw a renewal of the Wilson/Sgonina marathon, the red-and-white Lister eventually taking the honours and setting second B T D marathon, the red-and-white Lister eventually taking the honours, and setting second B.T.D. in the process, with 35.26 secs. on the pen-ultimate run of the day, bringing to a close an eminently successful and smoothly promoted meeting. HOWARD BILEY.

RESULTS

RESULTS B,T.D.: D. R. Good (Cooper-Daimler), 32.54 s. Saloon Cars up to 850 c.c.: 1, N. Trickett (Morris Mini), 45.57 s.: 2, A. A. May (Austin Mini), 47.29 s.; 3, G. Prowse (Austin Mini), 50.78 s. 851-1,250 c.c.: 1, R. Fry (Austin Mini-Cooper), 54,033 s.; 2, T. Osborne (Morris Mini-Cooper), 41,06 s.; 3, I. McDougall (Morris Mini-Cooper), 41,06 s.; 2, R. Hatheore, 45.37 s. Over 1,600 c.c.: 1, D. Mills (Austin A90, 53,24 s. Sports Cars up to 1,000 c.c.: 1, G. Kirsell (Austin-Healey Sprite), 40,56 s.; 2, R. Ashford (M.G. Midget), 40,66 s.; 3, H. Steele (Austin-Healey Sebring Sorite), 45,20 s. 1,001-1,600 c.c.: 1, G. Kirsell (Austin-Healey Sprite), 41,49 s.; 2, H. Pollard (Lotus Elite), 41,86 s.; 3, F. Lyons (Lotus Elite), 42,00 s. Over 1,600 c.c.: 1, C. Matts (Lotus-Climax 11), 37,62 s.; 2, T. Cunane (A.C. Ace-Ford), 37,80 s.; 3, J. Swift (Morgan Plus 4), 38,08 s. Sports-Racing Cars up to 1,500 c.c.: 1, C. Matts (Lotus-Climax 11), 37,62 s.; 2, R. Terry (Lotus-Climax 7), 38,04 s. Racing Cars up to 1,500 c.c.: 1, C. A. May (Cooper-Ford), 35,97 s.; 2, W. C. Cuff (Cooper-JA,P.), 36,04 s.; 3, J. M. G. Samuel (Tiger Shrike), 36,86 s. Over 1,500 c.c.: 1, D. R. Good (Cooper-JA,P.), 36,04 s.; 3, J. M. G. Samuel (Tiger Shrike), 36,86 s. May (Cooper-Ford), 35,97 s.; 2, W. C. Cuff (Cooper-JA,P.), 36,04 s.; 3, J. M. G. Samuel (Tiger Shrike), 36,86 s. May (Cooper-Ford), 35,97 s.; 2, W. C. Cuff (Cooper-JA,P.), 36,04 s.; 3, J. M. G. Samuel (Tiger Shrike), 36,86 s. May (Cooper-Ford), 35,97 s.; 2, W. C. Cuff (Cooper-JA,P.), 36,04 s.; 3, J. M. G. Samuel (Tiger Shrike), 36,86 s. May (Cooper-Ford), 35,97 s.; 2, W. C. Cuff (Cooper-JA,P.), 36,04 s.; 3, J.

Howard Parkin had the engine start to seize on his last run with the temperature needle on the wrong side of the red; he wisely decided to stop! Tony Carter really seems to have got to grips with his Lotus Super 7 now and gave two really good runs but R. N. Thomas, now also Lotus mounted, only just failed to

now also Lotus mounted, only just failed to catch the Parkins. To conclude the meeting a relay-race was held between four teams of four cars on an elimination basis. The Vickers-Armstrongs team, consisting of Ted Crocker (Mini), Geoff Snow (Vitesse), Gerry Bristow (Midget) and Frank Burton (VW), proved to be vic-torious with "Yours Truly" being their runner to carry the sash. And so ended the meeting, enjoyed by all, with a full list of everyone's class place to take home. RICHARD SPEAKMAN.

RICHARD SPEAKMAN.

RICHARD SPEARMAN. **RESULTS** B.T.D.: Mrs. M. Parkin (Lotus Cannonball), 65.6 s. Class Winners: E. Crocker (Mini), 74.0 s.; R. Wilding (Mini-Cooper), 70.0 s.; F. Burton (Volkswagen), 75.4 s.; G. Snow (Triumph Vitesse), 74.0 s.; G. Bristow (M.G. Midget), 73.0 s.; Mrs. M. Parkin (Lotus-Cannonball), 65.6 s.

SEVENOAKS & D.M.C. SPORTING VWC. and SEVEN-FIFTY M.C. AUTOCROSS, **18th August**

RESULTS

RESULTS B,T.D.: D. Dunnell (Mini), 40.46 s. Minis and Saloon Cars up to 850 c.c.: 1, G. White (Cooper-Mini), 42.46 s.; 2, B. Stevens (Mini), 43.22 s.; 3, L. Francis (Cooper-Mini), 43.45 s. 851-1,200 c.c.: 1, P. Noad (Volkswagen), 44.46 s.; 2, M. Hayward (Volkswagen), 50, 95, 0ver 1,200 c.c.: 1, P. Noad (Volkswagen, 1500), 44.10 s.; 2, B. Wilson (Volks-wagen s/c), 44.40 s. Sports Cars up to 1,200 c.c.: 1, M. Amos (M.G. Midget), 42.00 s.; 2, R. Exon (Austin-Healey Sprite), 43.26 s. Over 1,200 c.c. and Specials: 1, I. Dussek (H.R.G.), 43.64 s.; 2, M. McCarthy (Austin 750), 48.76 s. Ladies' Award: Miss A. Duncan (Mini), 48.02 s. Team Award: D, Dunnell (Mini) and G. White (Cooper-Mini).

AIREDALE & PENNINE M.C.C. CALDERVALE M.C. DE LACY M.C. OF PONTEFRACT ELLAND M.C. AUTOCROSS

THE Autumn meeting organized by the Airedale and Pennine Motor Car Club on Sunday, 25th August, attracted 33 entries of which 31 were starters. The course at East Bierley, near Bradford, is approximately 900 yds. long and consists of a roughly oval circuit of which half is circled twice. The co-promoting clubs were Caldervale Motor Club, De Lacy Motor Club of Pontefract and Elland Motor Club. Motor Club.

R. G. Firth, of Stanningly, near Bradford, clocked B.T.D.—60.9 secs.—in his R.G.F. Special. The classes—some merging was necessary—were: 1, standard Minis; 2, Mini-Cooper S; 3, touring cars up to 1,300 c.c.; 3A, touring cars up to 1,300 c.c. having rear engine and/or front wheel drive; 4, touring cars, 1,301-2,000 c.c.; 8, marque sports cars 1,301-1,650 c.c.; 11 and 14, sports cars 1,651-

1,900 c.c. and specials. Class 2 attracted the largest entry—12 cars, and this provided three awards. Competitors were allowed three practice runs and three timed runs. In many cases the third timed run was slower than the second due to deteriorating weather conditions.

G. RAISTICK. RESULTS

B.T.D.: R. G. Firth (R.G.F. Special), 60.9 s. Class Winners: B. Green (Austin Mini), 63.7 s.; R. A. Fall (Mini-Cooper S), 62.0 s.; R. Barraclough (Anglia Estate), 69.2 s.; B. Strauss (Morris 1100), 65.6 s., D. Pollard (Rafin), 64.9 s.; R. G. Wilkinson (M.G.A) 64.5 s.; R. G. Firth (R.G.F.), 60.9 s. Novice Event: J. Forrest (Mini-Cooper), 65.8 s.

LIVERPOOL M.C. OULTON PARK SPRINT

THE Liverpool Motor Club held their restricted sprint meeting at Oulton Park on Saturday, 17th August. The full entry enjoyed a good day's sport which was helped by superb weather, no serious incidents (despite several spins) and the slick organiza-

tion, which one now expects. With many of the competitors having com-peted in the L.M.C.'s closed sprint three weeks previously, it was obvious they were out to improve on their times. In Classes 1 and 2 combined, C. R. M. Boote (Cooper-Mini) took the lead on his first run, from R. C. Hickman (Cooper-Mini) by 1.2 secs., and although both drivers reduced their times on

In Classes 3 and 4 combined, there was a keen battle between R. A. W. Fleetwood (Cortina G.T.) and Sid Reakes (1340 Anglia), with Fleetwood holding his position by 1.4 secs.

1.4 secs. Classes 7 and 8 were also combined; F. Crombie (Lotus 7) and J. G. Sharp had 0.6 sec. separating them on their first run, which was reduced to 0.4 sec. on their second. T. R. Clapham (Lotus-Climax) won Class 9 easily by 6.2 secs., recording B.T.D. and beating J. E. Hutchinson (Super 7). In Classes 13 and 14 combined, Keith Moore (Fairley-Climax) held a brief B.T.D. on his first run, till Clapham took it off him by 0.4 sec. Keith's best time was without his rev. counter; there's a moral here somewhere! Margaret James's succession of Ladies' Prizes this year was interrupted by Valerie Wolfgang, driving Keith Moore's Cooper Mini. Don Robinson driving the same car had to pull out all the stops to beat her by Mini. Don Robinson driving the same can had to pull out all the stops to beat her by 0.4 sec. The only disappointment of the meet-ing was that Phil Scragg was unable to have his Chaparral-Chevrolet ready in time. JOHN CRAIG.

RESULTS

RESULTS B.T.D.: T. R. Clapham (Lotus-Climax), 1 m. 12.4 s. Class Winners: C. R. M. Boote (Cooper-Mini), 1 m. 23.0 s.; R. A. W. Fleetwood (Ford Cortina G.T.), 1 m. 29.4 s.; H. S. Shepherd (Jaguar 3.8), 1 m. 21.4 s.; R. D. Sutherland (Sprite), 1 m. 22.4 s.; F. Crombie (Lotus 7), 1 m. 19.4 s.; J. E. Hutchinson (Lotus 7), 1 m. 18.6 s.; E. P. Scragg (Jaguar E), 1 m. 15.2 s.; J. T. Butterworth (Lotus-Ford 23), 1 m. 13.2 s.; G. D. Hill (Elva), 1 m. 13.4 s. Best on Handicap: J. G. Sharp (M.G.A), 1 m. 23.8 s. Best Lady on Handicap: Miss V. Wolfgang (Cooper-Mini), 1 m. 34.4 s. Best Novice on Handicap: R. A. W. Fleetwood (Ford Cortina G.T.), 1 m. 30.4 s.

Wet and Windy Cadwell Park **Two Wins for Roy James**

BY JOHN HIGHAM

THE less said about the weather at the Cadwell Park meeting, organized by the B.R.S.C.C. (Northern Centre), the better. Despite this the usual slick and efficient organization clicked straight into action on 18th August and we were running 20 mins. in front of time by last race. Roy James, in his Formula Junior Brabham, was the driver of the meeting, winning both the Junior event for the Charles Wilkinson Challenge Trophy and the Formule Libre race, which was con-fined to the fastest 18 drivers of the day. The first of the seven races on the pro-

fined to the fastest 18 drivers of the day. The first of the seven races on the pro-gramme was for Grand Touring Cars up to 1,300 c.c. and was split into two classes: up to 1,150 c.c. and 1,151-1,300 c.c. The front row of the grid was occupied by Roger Nathan, Norman Surtees and Harry Stiller, Nathan's car showing signs of his brush with Surtees the previous day. Surtees "jumped the gun" before the flag had even started to drop and was half-way up the home straight before he realized the rest of the field were still on the grid! This small oversight was over-looked by the officials and when Norman resumed his place on the front row the race was started. Immediately Surtees, Nathan and Radford were at it hammer and tongs. was started. Immediately Surtees, Nathan and Radford were at it hammer and tongs, and Radford were at it hammer and tongs, changing places at every possible opportunity. Unfortunately the excitement was short lived as Surtees's car went off song on lap 3 and he lost two laps trying to rectify the fault, even-tually to retire. Roger Nathan put up the fastest lap but he too retired. Doug Mockford (Diva) was third overall and won his class by 11 secs., Frank Radford winning from Harry Stiller. Stiller.

The second race was the Formula Junior event for the Charles Wilkinson Challenge Trophy and brought to the line 16 drivers and eight different makes of car. At the drop of the flag Roy James, in his immaculate Brab-ham Ford took an immaculate largeham-Ford, took an immediate lead, a lead he was to maintain throughout the entire race. The most interesting scrap in the race was between Banting, also Brabham mounted,

Davies and Forbes, who were both driving Lotus-Fords. Banting won the three-sided dice for second place from Davies by 2.8 secs. Sports Cars up to 1,500 c.c. came out for event three and were split up into two classes, up to 1,200 c.c. and 1,201-1,500 c.c. In the early stages of the race Finney and Wragg gave a splendid display of tigerish racing; David Wragg took the lead after Finney made a mis-take and they pulled well away from the rest of the field in their battle for the lead. Finney caught up again and took the lead but, un-fortunately, did a further nonsense and dropped to fifth, having to retire shortly afterwards with fortunately, did a further nonsense and dropped to fifth, having to retire shortly afterwards with a sick motor. Following Peter Finney's retire-ment, David Wragg now had a 30 secs. lead over the battling pair Fletcher and Hayden in their 1,340 c.c.-engined Lotus 7s; these two cer-tainly gave a most polished display of control on a very difficult circuit and Fletcher even-tually finished second to Wragg, a mere 0.4 sec. in front of Hayden. As in race 1 we saw only 10 finishers out of the 18 starters, spins and excursions off the track being the order of the day.

spins and excursions off the track being the order of the day. Event 4 for Grand Touring Cars up to 2,000 c.c. brought an absolutely first-class field to the grid, including Peter Brayshaw, with his beautifully prepared Marcos, Gordon Durham and his Porsche Carrera, Cecil Booth with his beloved old Frazer-Nash Le Mans, Malcolm Wayne with the red Elva Courier, Chris Meek and his Courier, and Tommy Sanger with the Morgan Plus Four. As the flag dropped Peter Brayshaw took an early lead, but by the time the pack had reached hag dropped Peter Brayshaw took an early lead, but by the time the pack had reached Park Corner, Gordon Durham had pushed the Carrera in front of the Marcos; Booth was in third spot with Wayne up his exhaust pipe, who, in turn, had Meek snapping at his tail. Meek overdid things in a big way on the left-hander at the bottom of the Mountain and his race finished very abruptly on lap 2. Gordon Durham stayed in front for six of the eight laps when he was overtaken by Peter Brayshaw who

race finished very abruptly on lap 2. Gordon Durham stayed in front for six of the eight laps when he was overtaken by Peter Brayshaw who kept in front until the chequered flag. The Porsche driver held onto second place but behind him Booth, Wayne and Sanger were having a real old "ding-donger", changing place from Wayne, who was only 0.8 sec. behind Durham in second place. Again the casualty rate was high, a third of the field retiring for one reason or another. Racing and Sports-Racing Cars up to 2,000 c.c. supplied the fare for race 5, with the Elva Mk. 7, piloted by Tony Lanfranchi, and the Attila-Climax of Roy Pierpoint chal-lenging the Formula 1 cars of Alan Rollinson and John Fenning, together with Geoff Breakell and Doug Graham to back them up. Tony Lanfranchi jumped into an immediate lead when the starter's flag dropped, very hotly pursued by Pierpoint, Rollinson, Fenning, Breakell and Graham. The third, fourth and fifth men changed places during the foster race of the day but first and second fourth and fifth men changed places during the fastest race of the day, but first and second remained unchanged until the seventh lap when Pierpoint kidded Lanfranchi into making a mistake and took the chequered flag just 2 secs. in front of Lanfranchi, Alan Rollinson

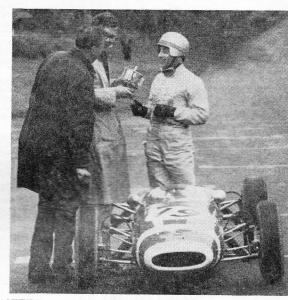
AT THE TOP OF A MOUNTAIN George Durham's Porsche Carrera leads Peter Brayshaw (Marcos-Ford), Cecil Booth (Frazer-Nash Le Mans) and Chris Meek (Elva). Brayshaw won the race.



being third. The fastest lap was shared by Roy Pierpoint and Tony Lanfranchi at 72.84 m.p.h., the fastest lap of the whole day's racing.

Event 6 for Saloon Cars up to 2,000 c.c. looked to be a very good race on paper, but as things turned out John Normanton and the as things turned out John Normanton and the very hot A40 sprang into the lead imme-diately the flag dropped and was never headed. John Aley disappointed his fans by finishing ninth, never, in fact, being in the picture. On the other hand Johnnie Fitz-patrick went like the proverbial bomb in the smallest-engined car in the race (the only 850 Mini in the event), taking car after car until he eventually finished third overall. George Percival drove a very polished race throughout to finish a comfortable and un-harassed second after putting up the fastest lap of the race during his battle through the field. The Formule Libre race brought out the

The Formule Libre race brought out the fastest 18 drivers of the day, and a very



AFTER scoring two fine wins at Cadwell Park Roy "The Weasel" James made front-page news later in the week. He receives his trophy from B.R.S.C.C. sec-retary Nick Syrett while receiving congratulations from an official.

impressive grid it was too. James, in the Brabham, took the lead at Coppice Corner on the first lap and held it throughout; behind James were Fenning, Pierpoint and Rollinson. Unfortunately, this scrapping trio was reduced to a battling pair when Pierpoint and Fenning touched; Pierpoint came off the worst from the encounter and spun off, bending a wheel in the process. John Fenning got his nose again in front of Alan Rollinson for second spot and managed to beat him to the finish by 0.4 sec.

RESULTS

BESULTS RESULTS Grand Touring Cars up to 1,300 c.c. Overall Winner: F. Radford (Lotus Elite). Up to 1,150 c.c. (Lass: D. Mockford (Diva-Ford); 2, M. E. Garton (Austin-Healey Sprite); 3, J. G. W. Marsh (Marcos-Ford). 1,151-1,300 c.c.; 1, F. Radford (Lotus Elite); 2, H. Stiller (Lotus Elite). Formula Junior Race; 1, R. J. James (Brabham-Ford); 2, R. Banting (Brab-ham-Ford); 3, M. W. Davies (Lotus-Ford 20). Sports Cars up to 1,500 c.c. Overall Winner; 1, D. L. Wragg (U2-Ford). Up to 1,200 c.c. Class: 1, J. L. Wragg (U2-Ford): 2, A. B. Harris (Lotus 7); 3, L. B. Fletcher (Lotus 7); 2, D. Hayden (Lotus 7); 3, I. B. McFarlane (Lotus 7): Grand Touring Cars, 1,301-2,000 c.c.; 1, P. Brayshaw (Marcos-Ford); 2, G. Durham (Porsche Carrena); 3, E. C. Booth (Frazer-Nash Le Mans). Racing and Sports Cars up to 2,000 c.c. Class: 1, R. F. Pierpoint (Attila-Climax Mk. 2). Up to 1,200 c.c. Class: 1, J. N. O'Sullivan (Rejo-Climax); 2, R. H. McArthur, Lotus-Ford 23); 3, P. W. Wight (Cooper-Climax), 1,201-2,000 c.c.; Class: 1, R. F. Pierpoint (Attila-Climax Mk. 2). Up to 1,200 c.c. Class: 1, J. N. O'Sullivan (Rejo-Climax); 2, R. H. McArthur, Lotus-Ford 23); 3, P. W. Wight (Cooper-Climax), 2, 4, Lanfranch (Elva-Ford Mk. 7); 3, A. W. Rollinson (Cooper-Ford F. I). Saloon Cars up to 2,000 c.c.; 1, A. Normanton (Austin Ad0); 2, G. Percival (Ford Angila); 3, J. Fitzpatrick (Austin Min). Formule Libre: 1, R. J. James (Brabham-Ford); J. E. Eming (Cooper-Climax); 3, A. W. Nollinson (Cooper-Ford F. I).

American Drivers' Club AUGUST MOON RALLY

WITH the Marples 50 m.p.h. limit operating on the night of 24th-25th August, the 75 competitors in the American Drivers' Club's restricted August Moon Rally were anxious to learn how Clerk of the Course Ted Cowell proposed to sort them out at the reduced average called for. They found out very soon after the start, from Rowstock Corner Garage, that the accent was to be on precise navigation, using every available white road and footpath. Some of these, to say the least, were not as smooth as most people would have liked, and this view was expressed in varying degrees of for thrightness at breakfast, and was under-lined by the evidence of cracked sumps at the finish.

Immediately after leaving the A34 road at Gore Hill the route crossed Blewbury Down via a footpath in which John Stentiford spun the Cooper without damage, although at a cost of a minute or two, and just farther on, at the very rough hairpin at 550844, Peter Noad contrived to get the VW sideways on across the track after hitting a bump. It took the combined efforts of several crews to restore the track afforts of several crews to restore traction and it was a very high speed convoy of six cars which descended upon the next control. This control must have been slickly manned, for they all got the same time! And they all remained in convoy! Hereaboute the Harkness (les Cooper was

Hereabouts the Harkness/Iles Cooper was leading, two minutes down (this was after less than an hour!). This crew lost further time crossing Odstone Down, but were otherwise going well and very much in the running at

that stage. The level-crossing near Compton was un-expectedly closed, but the gates could be opened by hand. An unknown Mini is alleged to have had two very narrow shaves with two express trains during the process of negotiating this hazard!

this hazard! With the passing from sheet 158 to 157 came something of a respite. There was some yellow road motoring and even a few miles on red, until, south of Wroughton Airport, in square 1476, there occurred an organizer's dream—a couple of tricky crossroads within yards of each other. John Stentiford and Tony Straker were now leading, 8 down, closely followed by the Ramsden/Valentine Mini and Harkness and Iles both crews on 10. At this Harkness and Iles, both crews on 10. At this

THAMES ESTUARY A.C. AUTOCROSS

A LTHOUGH Colin Malkin thrashed his boredout Austin-Cooper in fine style around the three-quarter mile course to take the best time of day award, top honours cortainly went to the modified A55 of Bill Payne, who won the sports cars over 1,600 c.c. class in the face of such talented opposition as Tony Maggs and John Whitmore.

With constant rain turning the course into a quagmire, it is only fair to comment that the earlier classes had very much the better of the conditions. But even so Howard Parkin's time in the fabulous Cannoball was less than

a second down on the day's best. Robin Harkness, driving the only Mini-Cooper S on show, won the amalgamated class B and C with a time of 2 mins. 22.2 secs., taking second best time of day jointly with Howard Parkin.

A. C. Westwood (Lotus) had a very clean

A. C. Westwood (Lotus) had a very clean run in winning the sports-racing section, and scored a very creditable 2 mins. 51.6 secs. in spite of the slippery course. The very hot Ian Terry Allardette proved a little too warm for comfort, catching fire during the morning practice session and again on his last run of the day. Fortunately it did

The event at Canewdon, near Southend-on-Sea, was the first venture into the Autocross field by the Thames Estuary A.C. and apart from attracting a solid 60 strong entry, received the enthusiastic support of over 1,500 spectators. Given the same high standard of organization, the future success of this event M. R. JAMIESON. would seem assured.

B.T.D.: C. Malkin (Austin-Cooper), 2 m. 21.6 s. Class Winners: H. Woolford (Mini); R. Harkness (Mini-Cooper S); B. Malkin (Anglia); M. C. West-wood (Hillman Imp); A. Daykin (A35); K. Pattullo (M.G. Midget); W. Payne (Austin A55); A. West-wood (Lotus); H. Parkin (Cannonball).

point the latter overshot both crossroads, retracted, but unfortunately chose the wrong turning and went so far up a non-goer that they were put hopelessly out of the running. Five other cars followed them, but were able to extricate themselves after a struggle. They continued over the notorious Four Mile Clump, where the Stentiford/Straker Mini-Cooper came to a halt with a broken sump-shield and a cracked sump. shield and a cracked sump. The plot thickened with what was probably

the pièce de résistance of the August Moonthe piece ae resistance of the August Moon-a most involved thrash around Savernake Forest. Although there were only two time controls, there were sufficient via references and passage controls to produce a 25-minute section in the forest and it was here, at the junction of sheets 157 and 167, that Harvey Crush and Mark Addington wrong-slotted in their Cooper and missed a passage control their Cooper and Mark Addington wrong-stotted in their Cooper and missed a passage control, thereby incurring a fail. They were only 100 yards off route and assuming that they could have visited the control without losing more than an additional minute, they would have won the rally outright, since they finally have won the rany outright, since they infairly finished 40 minutes down, two minutes better than the winners, Hornall/Long Cooper. Paul Steiner and Jimmy Grey suffered a puncture and the Doug Harris/Ron McCabe Cooper had an ignition lead jump off. Also in trouble were Peter Jones and John Davenport, the steer-ing of the Harris/Ron mercer. They continued ing of the Herald being suspect. They continued and were rewarded with fourth place. Less fortunate were the Jamiesons—their Cooper S

SHELSLEY WALSH-continued

a second run of 47.52 secs. Phil Scragg, in an E-type which *is* standard but for a 3.8 rear axle, although many people seem to doubt it, easily led the big cars with a second ascent of 44.50 secs. Frank Wall's red E-type was second and Croot's Allard (the ex-Sopwith Sphinx) recorded third best time.

Sphinx) recorded third best time. Butterworth, van Moyland (Cooper-Climax) and Austin (Emeryson) disputed the up to 1,600 c.c. sports-racing class in that order, Butterworth taking 44.45 secs. and the Cooper 44.78 secs. Austin dislodged Terry from third place after the latter's independent Lotus had managed 46.10 secs. Josh Randles walked away with the open class in his Cooper-Maserati Monaco in 44.09 secs., followed by Away with the open class in his Cooper-Maserati Monaco in 44.09 secs., followed by the Chapman Mercury, which looked a furious handful for Phil Chapman to contain. Peter Cottrell had to retire his Lotus 15 when the diff followed diff. failed.

Vintage and Veterans produced some glorious sights. Basil Davenport "beat out dat rhythm" on a Spider to the tune of 45.27 secs., a really splendid effort which gave him the class, the V. and E. trophy and the Shelsley Specials award. Harwood had some terrible slides with the Semmence Special, while Hugh Clifford and Doug Hull piloted their Alta and E.R.A. mounts with courage and much wheelspin. Cecil Clutton stirred Bugatti hearts with an immaculate Type 43 in 52.29 secs., just ahead of Hull who took 52.32 secs. This event, of course, was on handicap, Davenport and Hull as scratch-men. with

It is impossible to by-pass the two wheelers It is impossible to by-pass the two wheelers who are a traditional part of all August meet-ings at Shelsley. George Brown robbed F. R. Cramp (Velocette) of the up to 350 c.c. solo class with a second ascent of 44.03 secs. on his ear-splitting Ariel Special. Cramp chased so hard that he stepped off, undamaged, at the exit from the Esses. George's growling Vincent made B.T.D. in 41.78 secs. despite clides and wobbles and displayed fantastic

Vincent made B.T.D. in 41.78 secs. despite slides and wobbles and displayed fantastic step-off up the finish straight. The F.J. class went convincingly to John Macklin (Lotus) with a superb first effort of 42.94 secs. with C. A. N. May (Cooper) second. Similarly among the 500s no-one could touch Priddey's Cooper (47.97 secs.), the rest of the field very busy keeping their tails behind them tails behind them.

tails behind them. Even hairier were the racing vehicles up to 1,500 c.c. but Liddell made a very polished second run in his ex-Burgess Cooper-Climax, taking 43.59 secs., with Wally Cuff second in 43.86 secs. after some rather large "moments" in the ex-Eccles Cooper-J.A.P. Third, in 44.17 secs., was Keith Moore with the hairy Fairley. Slade put his Killeen Monocoque through a full 360 degrees in the Esses. One trembled at the thought of all the power

developed a stiff gear-change and they wisely retired before too much damage was done. Such had been the intensity of the plot that

such had been the intensity of the pilot that at the finish of the rally only four crews had escaped a "fail" although the fact that the winners were 42 minutes down indicates the extent of the pressure. The system of using a large number of via references to define the route is a good one, and it keeps navigators route is a good one, and it keeps navigators fully occupied, even on longer and appar-ently innocuous sections. On short sections it is a certain penalizer, especially when the going is rough. Marshalling was good and there was nothing tricky about the paperwork and no "catches". Only there were a few more bumps than there were "bump" boards! RON AMPROF.

RON AMBROSE. RESULTS

1, A. Hornall/A. Long (Mini-Cooper), 0/42; 2, D. Morgan/Mrs. Baker (Ford Cortina); 3, D. Patterson/Mrs. Patterson (Mini); 4, P. Jones/J. Davenport (Triumph Herald).

B.A.R.C. (SURREY CENTRE) GOODWOOD SPRINT, 17th August

RESULTS

RESULTS B.T.D.: D. A. Beckett (Lister-Jaguar), 60.6 s. Best Touring Car: R, A. Rohan (Jaguar 3.8), 72.2 s. Best Open Car: J. E. Manfield (Lotus-Ford 23), 63.2 s. Best Closed Car: C. A. C. Hodgson (Lotus Elan), 62.4 s. Class Winners: R. N. Eades (Austin Mini-Cooper), 78.4 s.; G. Lavrence (Austin Mini-Cooper), 75.3 s.; C. L. Lacey (Merlyn-Ford Mk. 4), 67.1 s.; J. Bundy (Austin-Healey Sprite), 75.4 s.; L. Hall (M.G.A), 65.4 s.; R. J. Mackie (Ford Allardette), 68.3 s.; D. A. Pye (Lotus-Buick 15), 65.5 s.

in the "big bangers" class, the biggest of which was the new, temporarily bodied Chaparral of Phil Scragg with 5.3-litre fuel-injected Corvette engine. A real handful, it made its début in 47.10 secs. David Good recorded a magnifi-cent 40.68 secs. for second B.T.D. and the class went therefore to Ray Fielding who seemed very comfortable and relaxed in the Lotus 21. Marsk was also faster but behind Good in 42.01 secs. Somehow this just did not appear to be Tony's day with more tail-Good in 42.01 secs. Somehow this just did not appear to be Tony's day with more tail-wagging from him than has been seen for a long time. Patsy Burt gained a deserved second place with her immaculate 2-litre Cooper-Climax but was haunted throughout the day with a misfiring engine. Just behind was Peter Gaskell's Kieft in 44.62 secs. Of the other runners Hargreave (Cooper-Daimler), Tony Griffiths (ex-Scragg B.R.M.) and the Majors Lambton and Chichester (H.W.M.-Jaguar) were only a few who found power a great embarrassment on the streaming hill. The championship runs resolved themselves

great embarrassment on the streaming hill. The championship runs resolved themselves into a duel between Boshier-Jones and Good. The latter's second superb effort of 39.91 secs. kept the crowds on pins to the very end, although "Bosh", as events proved, un-doubtedly had the situation firmly under con-trol. Marsh finished third in 40.60 secs. after a determined eccont climb by Eiclding in 41.08 determined second climb by Fielding in 41.08 secs. which beat Tony's first run by .03 sec.

RESULTS



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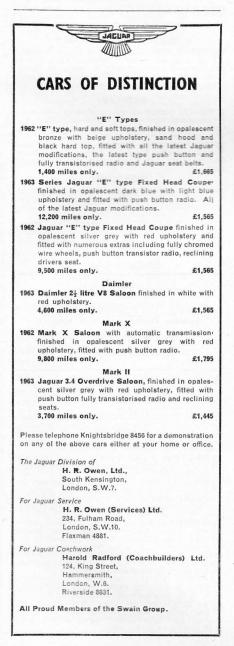
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9139

box, ready to race. £450, exchange, etc.—Box 9139.
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LOTUS-continued

304

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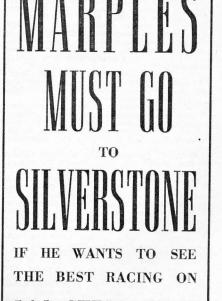
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