THE ACID The proving ground of every large Motor Manufacturing Company is as important as the Engineering Department . . . for here the cars are "proved"—on every type and condition of road. The race track and reliability course are similarly the "prov-ing grounds" for tyres . . . There a tyre receives more gruelling punishment in one day than it would in twelve months' ordinary driving . . . there it is "proved." Extravagant claims are con-stantly made for tyres... but the acid test reveals these in-disputable facts:

Olympic Tyres are the first choice of almost every Aus-tralian Contest Driver . . . Place your faith in the tyres that have stood these acid tests with Olympics from your Local Dealer. More Australian Contests have been won on Olympic Tyres than on all other makes put

ATKINS (W.A.) LTD. 894 HAY STREET, PERTH



AUSTRALIA'S CHAMPIONS



PISTON RINGS

EXPANDER

STOP OIL-PUMPING AND "BLOW-BY" AND RESTORE HORSEPOWER IMMEDIATELY THEY ARE INSTALLED.

AMAZING NEW PRINCIPLE IS SECRET OF "FLEXITE" EFFECTIVE IN WORN AND DISTORTED CYLINDERS.

REPCO "Flexites" are actually a new type of Piston Ring; that's why they are achieving such sensational results in

nciple in piston ring construc-

Repco Flexite Ring employs an entirely

cylinder wall and seal compression and control the oil at all speeds, even in tapered and out-of-round cylinders. restoring both economy and power to Why tolerate an oil greedy motor when a simple installation of Repco "Flexite Piston Rings will instantly put an end to your trouble. These Revolutionary Rings stop oil pumping and keep it

"Flexites" are available through Garages and Service Stations everywhere.

Any good mechanic can install them.



THURSDAY IS "MAIL" DAY

MOTORING AVIATION, 1937.

S.A. GRAND PRIX.

Sinclair on Scratch.

ADELAIDE, Dec. 22.-More than 30 entries have been received for the South Australian Grand Prix and 50-mile

entries have been received for the South Australian Grand Prix and 50-mile handicap to be held on the Lobethal-road circuit near Adelaide on January 3. The British racing driver, Alan Sinclair, who has entered a 1,100 c.c. supercharged Alta, will be the only scratch man in both events. He will concede the limit man, G. A. Cowper (Morris 8 440) 20 minutes in the 100 miles Grand Prix and 15 minutes in the handicap.

The complete handicaps are as follows, the Grand Prix figures being mentioned first, followed by the figures for the 50-mile event:—A Sinclair (supercharged Alta), scratch, scratch; J. A. Day (Day Special), Imin. 30sec., 43sec.; C. Dunne (M.G. K3 Magnette), 4.0, 2.0; L. J. Jackson (M.G. K3 Magnette), 5.0, 2.30; C. Joshua (Praser-Nash Special), 5.0, 2.15; J. Phillips (Ford V8), 8.0, 4.0; G. D. Dentry (Riley Special), 8.0, 4.0; H. Beith (Terraplane), 9.0, 4.30; R. A. Lea-Wright (Terraplane), 9.0, 4.50; D. Michael (M.G. P-type), 1.00, 5.0; L. Michonough (Mortane), 13.0, 6.30; L. E. Vinall (30/88 Vantall), 13.0, 6.30; L. E. Vinall (30/88 Vantall), 13.0, 6.30; L. E. Vinall (30/18 Vantall), 13.0, 6.30

(S.A.), 346 A.J.S.
Sidecar T.T.—Bruce Rehn (S.A.), 596
Norton; Travers Burford (S.A.), 500 Norton; Stan Dyson (S.A.), 490 Norton; C.
D. Jamieson (S.A.), 490 Norton; Bob
Medwell (S.A.), 499 Norton; Ron Wood
(S.A.), 490 Norton; Ron Badger (S.A.),
1,000 Ariel; W. Conaghty (S.A.), 1,200
Indian.

REGISTRATIONS.

ord.
Miss K. J. Meehan. 441 William-Perth. Ford.
G. and R. Wills. Ltd., Hay-street. Hilman.
J. G. Darby, 10 Ardross-crescent. Mt.
Hilman.
Mrs. E. Wansbrough. Forrest House. E. M. Goodall. Henry-street. Morris. Porter, 75 Bourke-street, Leeder-S Marvel, 73 Eighth-avenue, Mayands. Morris.

36434, F. O. Feakes. 53 Corhlan-road. SuJaco. Morris.

36440, E. Oraham King. 111 Thomas-street.

Inbluco. Morris.

36440, E. Oraham King. 111 Thomas-street.

Possibly the new year will see also week.

Possibly the new year will see also the introduction of an unsurcharged air serial policy under which all first-class mail would go by air. This policy has already been adopted by the British and putch post offices. Australia has under36416, Perth. Pymouth.

36404. R. Carter. Struce-street. Nedlands.

Nemouth.

36406. C. C. Flower. 3 Burt-street. Perth.

36436. C. C. Flower. 3 Burt-street. Perth.

36441. L. Dorle. Ltd. 17 William-street.

36410. Flower. Davies and Johnson. 413

Murray-street. Perth. Chrysler.

36411. Flower. Davies and Johnson. 413

Murray-street. Perth. Chrysler.

36412. J. Davidson. Mount-street. Vie
Montiac.

36436. R. M. Jacka. 49 Ventnor-avenue. West

Perth. Pontliac.

36430. R. M. Jacka. 49 Ventnor-avenue. West

Perth. Pontliac.

36430. R. M. Jacka. 49 Ventnor-avenue. West

Private Flying. Pirmouth. 36396, C. C. Flower, 3 Burn-survey. 36396, C. C. Flower, 3 Burn-survey. Chrysler, 36452, C. W. Cain, Murray-street, Perth. 36452, C. W. Cain, Murray-street, wultam-street. erth, Pontiac. 36450, Pelton, Grimwade and Bickford, Mur-y-street, Perth, Pontiac. 19230, Cecil Radford, 744 Beaufort-street. Chevrolet.
W. S. Henville. 50 Blencowe-street.
eederville. Chevrolet.
S. J. Bisnell. 108 First-avenue. Mt.
Chevrolet.
E. Tate. 10 Paddington-street. North
Chevrolet.

Perth. Chevrolet.

13742. Union Assurance Soc. Ltd. 15 William-street. Perth. Chevrolet.
36421. C. Davice. 255 Beaufort-street. Perth. Chevrolet.
36432. M. Borden. 92 Aberdeen-street. Perth. Union. Assurance Corp., Commercial Union Buildings. Perth. Chevrolet.
36465. J. A. Lewis. 84 Beaufort-street. Perth. Chevrolet.
36465. J. A. Lewis. 84 Beaufort-street. Perth. Chevrolet.
36465. J. A. Lewis. 84 Beaufort-street. Perth. Chevrolet.
36467. Ocean Accident and Guarantee Cara-Commercial Union Buildings. Perth. Chevrolet.
36478. Ocean Accident and Guarantee Cara-Commercial Union Buildings. con Accident and Guarantee Corp. ii Union Buildings, Perth. Chevro 36484. Colonial Mutual Life Assurance. St. leorer's-terrace. Perth. Chevrolet. 36497. H. V. McKar-Massey Harria. Ltd., durray-street. Perth. Chevrolet. 36448. M. Maddern. Hawkesburn-road. River-R. Kempe. 40 Mount-street. Perth. 1943). R. Kemple. Wo Monthstreet. Ferth. Buick.
19640. Mrs. L. Kansler. 36 Hampden-street.
19640. Mrs. E. May. 5 Adelaide-street.
19640. Mrs. E. May. 5 Adelaide-street. Frenantle. Buick.
196475. H. H. Diprose. 14 Normandy-street.
196475. H. H. Diprose. 14 Normandy-street.
196431. M. Edmonda. 25 Lefroy-road. Beacons196435. M. Edmonda. 25 Lefroy-road. Beacons196436. Mrs. A. G. Berçove. 79 Lawley196436. Mrs. A. G. Berçove. 79 Lawley-

36473. Buick. Mayiands. Buick. 16431. M. Edmonda 25 Lefror-road, Beaconsfield. Standard. 36456. Mrs. A. G. Bercove. 79 Lawleycrescent. Mt. Lawley, Standard. 36467. J. H. Lindquist. 14 Duncan-street. Victoria Park. Standard.

TRUURS, VANS. ETC.

WAO 642. Water Supply Dept., P.W.D.,
Perth. Ford.
35055, J. Deane. Coosee, Ford.
35055, J. Deane. Coosee, Ford.
36431, F. R. Richards, Joel-terrace. Mt.,
Latery Ford.
10291, F. R. Durling, 64 Salisbury-street,
Sublaco. Commer.
10263, K. Hall. 69 Jewell-street, East Perth.
Chevrolet.
35215, C. Hood, Murray-street. Perth. Chev101081.
MOTOR CYCLER

The Things To Come.

Entries Close Tomorrow.

Entries for the races to be conducted by the Royal Aero Club of Western Australia on January 8 and 9 next, will close with the secretary (Mr. R. O. Giles). National House, Perth. tomorrow evening. Already a number of applications have been received for the several events to be held. The first day's events will comprise heats for the elimination of pilots who propose to fly club aircraft, while the finals will be held on the Sunday. Main interest at the moment has centred in the Aerial Derby which is open to all aircraft and which will be flown over a course of 50 miles.

Yesterday Mr. Giles said that the course for the Derby would be over two laps each of 25 miles. The course will be from Maylands serodrome to the junction of the Empire Flying Boatervice from England; and the theoretical recognition of air carriage as the normal method of express travel for passeners and mail.

The coming year should see even reader developments than these. In compercial aviation 1937 was mainly a year of experiment so far as the unsubsidised airlines were the course for planes will be flown in full view of spectators throughout their course.

Entries to date have been received by the Royal Aero Club of Western Australia of the Royal Aero Club of Western Australia clubs. National House, Perth, tomorrow evening.

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reduced to a matter of hours and minutes in crossing the continent.

Within the first half of the coming year the long-awaited and much-discussed Empire Flying Boat service from England to Australia, with terminals at Southampton and Sydney, is expected to eventuate. While no tremendous difference in travelling time is to be expected from the introduction of the flying boats, their general adoption for the run has laid the foundation on which faster services can be built. Furthermore, the flying boats, so far as English commercial.

Leaving Adelaide by bicycle on January 17, 1935, Mr. Spence travelled via

AJS.; Ray Williams (S.A.), 499 Rudge.

Junior and Lightweight T.T.—George
Wade (S.A.), 346 AJS.; "A. J. Rider"
(Vic.), 248 AJS.; Lenroc Limited (S.A.),
250 D.K.W.; Bob Broadbent (S.A.), 349
Excelsior; Jack Brown (S.A.), 348 Velocette; Eric Gray (S.A.), 250 Levis; George
Hannaford (Vic.), 350 Velocette; Eric
Hayman (Vic.), 248 Excelsior; Ewild
Kluge (Germany), 250 D.K.W.; Frank
Mussett (Vic.), 350 Velocette; Roy Peters
(Vic.), 350 Velocette; Roy

Another main airline shortly to begin operations will be the service to New Guinea, for which W. R. Carpenter and Co. are the contractors. They will use modified De Havilland 86 airliners similar to those now operated by Qantas from Sydney to Singapore. It will have been observed that these

been registered at the Police Traffic Branch lately.—

CARS.

CARS.

2520, Donald J. Chipper and Son, Hay-street, Perth. Ford.

12530, L. G. Tyler, 20 Elizabeth-street, Ford.

26455, Westralian Auto Services, Tivol General Transport of the last two months and it is unlikely that there will be any permanent increase in the frequency of this age, Perth. Ford.

36400, F. Jones. Dalkeith-road. Nedlands, Polys, L. G. Tyler, 20 Elizabeth-street, Ford.

36405, J. J. McKneroe, Stiriting-street, Perth. Ford.

36405, D. H. Faulding and Co., Ltd., Murray-street, Perth. Ford.

36400, C. Gardiner, 16 Devon-road, Baasen-fean. Ford.

36400, Miss K. J. Meehan. 441 William-freet. Ferth. Ford.

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36400, J. J. Miss K. J. Meehan. 441 William-freet. Ferth. Ford.

10. Miss K. J. Meehan. 441 William-Perth. Ford.
12. G. and R. Wills. Ltd., Hay-street.
13. G. and R. Wills. Ltd., Hay-street.
14. Studebaker.
15. H. G. Ritchle. 29 Carrill-street. Viewbark. Singer.
16. Miss M. I. Smith. 12 View-street.
16. Miss M. I. Smith. 12 View-street.
16. Ferth. Hillman.
16. L. T. Evans. 97a Tenth-avenue, Ingles.
16. I. T. Evans. 97a Tenth-avenue, Ingles.
17. Mrs. A. L. Mount. 129 Labouchers.
17. Mrs. A. L. Mount. 129 Labouchers.
18. Miss M. J. Mount. 129 Labouchers.
19. Mrs. A. L. Mount. 129 Labouchers.
19. Mrs. A. L. Wount. 129 Labouc ances of the Minister for Defence and the Postmaster-General that the North-West service will not be interfered with and that overseas air mail for Western Australia would be brought down the coast direct to Perth it is quite possible that early revision of this contract will be necessary to cater for the increased overseas mail and provide a faster service. Such a contract will have to permit newer and faster types of aircraft, probable of American manufacture. With these the present schedule could be cut down to about one day and still provide full facilities for the intermediate centres in the north thrice instead of twice a week.

Private Flying.

An important development in West Australian aviation during the past year has been the enormous expansion of the Royal Aero Club of Western Australia. True to the object of its establishment—to teach the general public to fly and so provide the nucleus from which the air force and the commercial concerns may draw men for specialised training—it has extended its "cope to a hitherto unsuspected degree. Two country branches have been established, 250 and 600 miles from Perth, and a third, also about 250 miles away, will begin training operationa early in the new year.

The construction of the Pearce Air Force station at Bullsbrook this year has brought the State into the scheme for the aerial defence of the Commonwealth. The station is to be the home of the City of Perth squadron of the Royal Australian Air Force. The station is far from complete as yet, but it is now almost ready to house the one squadron which is expected to enter its new home early in the new year.

Australian-built Planes.

A feature of 1937 was the decision of the Commonwealth Government to stempt the establishment of an aircraft manufacturing industry in Australia. To this end, the Commonwealth Aircraft Corporation has come into existence at Fisherman's Bend, Victoria, for the building of a selected American type for Air Force training. To give the industry a background, Mr. H. E. Wimperis, a leading British aeronautical research expert, was invited to Australia to examine and report on facilities for the training of aeronautical scientists and to recommend methods by which improvements in these facilities could be made. Further, there is the decision to build aero engines under dicence in Australia. These three moves by the Government represent a praiseworthy, if belated, effort to make Australias self-sufficient in the building of aircraft and to adapt Australian workmen and materials to the uses of aviation. The new year will, in all probability, show how far the attainment of that ambitton is likely to succeed.

AERO CLUB RACES.

Entries Close Tomorrow.

Entries to date have been received by the secretary from pilots at Katanning the secretary from pilots at Katanning. Kalgoorile and Perth and the field for the Derby is expected to number nine or ten planes including several modern high performance machines.

THROUGH ARNHEM LAND.

Cyclist Arrives in Perth.

cowper (Morris 8/40), 30.0, 15.0, A Cowper (Morris 8/40), 30.0, A Cowper (Morr

a goanna 7ft. 4in long. He killed it and attempted to preserve the akin, but the experiment was not successful and he had to leave the skin behind.

Mr. Spence said that at Rotunda, which was a big rock with the word "Rotunda" engraved on it, he was without water for two days, but he saved himself by trudging to a water hole four or five miles away. The most exciting incident in the trip was when he was sleeping 200 yards from a billabong near Marriki, in the Northern Territory, and was awakened by the roar of a crocodile about 50 yards away. It was making for his pack horses, but he released the horses just in time and shot at the crocodile, which lumbered back into the billabong. During the trip he ran out of water on many occasions and two or three times almost gave up hope of surviving. In Arnhem Land there was plenty of fish and duck to be had in the rivers. There was no need for a man to starve in this country, but at times there was a great scarcity of fresh water. On the other hand, heavy rains flooded the country in the rainy season. He was delayed at Marraki for 10 weeks waiting for floods to subside. About 120in. of rain fell at this station in three months last year and in places the water was 10ft, deep along the track he had to follow.

Reminiscences of early days in the club's history were exchanged at a luncheon held by the Naval and Military Club yesterday to mark the thirty-first anniversary of its foundation. Among the souvenirs now housed in the club's new premises at National House are the first circular sent out when formation of the club was mooted and the programme for the official opening by the then Governor (Admiral Sir Frederick Bedford).

The president (Colonel E. L. Margolin) briefly referred to the anniversary which he luncheon marked. He said that foundations are the said that foundations and the said that foundations are the said that foundations are the said that foundations and the said that foundations are the said that foundat

The president (Colonel E. L. Margolin) briefly referred to the anniversary which the luncheon marked. He said that foundation members still in Western Australia dation members still in Western Australia
were Lieut.-General Sir J. Talbot Hobbs.
Major-Generals A. T. White and G. W.
Barber; Brigadier-General A. J. BessellBrowne; Colonels H. B. Collett, E. J. H.
Nicholson, H. Pope and C. H. E. Manning;
Lieut.-Col. T. C. Wilson; Majors J. S.
Duffy, H. S. Parker, G. T. Wood and E.
Summerhayes; Captains E. P. Pretty and
W. H. Young.
After the loyal toast, Lieut.-Col. T. S.
Louch proposed the toast of the Old
Guard (foundation members). He referred
to the moves which culminated in the
formation of the Naval and Military Club.
Thirty-one years later, he said, the club

formation of the Naval and Military Club. Thirty-one years later, he said, the club was moving into new premises. The present members were the inheritors of the club which the Old Guard had founded. Responding, Senator Collett said that the club was created so that officers might have some place to meet and get to know each other and exchange ideas and a fine atmosphere of comradeship had been en-gendered. It was essentially a Services

atmosphere of comradeship had been engendered. It was essentially a Services club.

Colonel Nicholson, who also responded, referred to the work which had been done by early members of the club. He said that working together in a club of this kind enabled development of the proper "spirit of officership."

Major R. H. A. Grabham proposed the toast of "the Services and Visitors." Lieut.-Col. M. J. Anketell and Major C. M. Thomas responded.

CHRISTMAS POULTRY MISSING

A Warning to Householders.

Householders are advised to keep a watch over poultry that they may have obtained for their Christmas dinner. The warning was issued at Fremantie yesterday by Detective-Gergeant Cowie, who said thist on the previous day four Muscovy ducks and one drake, valued at 30/, disappeared from the backyard of a house occupied by John Brown, at 25 Elienstreet, Fremantie. Detectives are making inquiries.

ENTERTAINMENTS.

Sunshine Club Concert

Sunshine Club Cencert.

Youthful enthusiaam was the keynote of the programme given by the members of the Cottesloe Sunahine Club at the Alexandra Hail, Mosman Park, last night. These entertainers are between the ages of six and 16. Those on the stage apparently enjoyed themselves as much as the members of the audience. Six plays were succeasfully presented during the evening, including A. A. Mine's "Princess and the Woodcutter." Recitations were given by C. Fletcher, B. Galloway and J. Fletcher. Numbers were sung by B. Sanson, R. Guthrie and L. and R. McSwain, and instrumental items were presented by S. McPhail and O. Carter.

For the last 12 months the members of the Sunshine Club have been travelling through the State, from Wooroloo Sanatorium to Fairbridge Farm, giving concerts in aid of charitable causes. The home which claims their particular interest is Sister Kate's home for children, where they support one of the small inmates. The final concert for 1937 was given last night, but during the following year they hope to carry on their good work.



22222 Lovely Lamps Harris Scarle Sandovers will "lighten" your Gift Problems.









COLOURED SALAD BOWLS.

SCARFE & SANDOVERS XMAS GIFT DISPLAYS ARE ALL ON THE GROUND FLOOR.



Three sizes in the characteristic 4711 sprinkler top bottles, as Illustrated, 202., 4/9; 40z., 8/9; 60z., 13/3. We have other attractive packs of this renowned Perfume. Inspection at

Rainbows for Xmas!

—This Christmas, next Christmas and many, many more Christmases! Raintow ALL BRITISH Birycles are guaranteed for 10 years and there has been NO INCREASE in price—ROAD STERS, fully equipped (adult, junior and juvenile models) are still £6/10/.





Meccano Aeroplane Sets.

Outfits, 7/6, 9/9, 16/6 and Biandard Outfits. 4/, 7/, 9/9, 14/9. 19/6, 29/, 38/, 58/6, 107/6, 107/6, 107/6, 107/6, 107/6, 107/7, 33/6, 35/6.



Coloured Rubber Lifebuoys.



& SANDOVERS

SCARFE AND



Also attractive English Perfum-ery Caskets at 2/3, 3/3, 4/6, 4/9 and 7/.

High Grade English Xylonite Brush Sets.

Set shown is a British "Galatex" product—available in maize, olive green and midnish: blue, in attractive satin-lined cases, 37.6. We have one of the most attractive ranses of lovely English coloured Xylonite Tollet Sets in Perth. "Baimonal" 6-piece Sets, 89. Latest "Baimonal" 6-piece Sets, 35.7. "Windows design, 3-piece Sets, 35.7. "Windows "Dattern, very newest. 3-piece Sets of Dattern, very new sets of Dattern

and many other attractive Gifts are showing at our New Enlarged Perfumery Dept.



You'll like the newly fitted, scintillating Perfumery Department, and one of the best Ground Floor Crockery and Crystal Displays in Australia. And you'll certainly appreciate a range of Gifts so appealing, so appropriate to purses deep and slender that your Xmas Shopping will be a simplified, happy experience at HARRIS, SCARFE & SANDOVERS





Proverbially re-ferred to as "A Soda Fountain on a Tray" and which aptly de-scribes this popular thirst-quenching ac-cessory. A sit that most people will streatly appreciate. Price 13/6.

SPARKLET

SYPHONS.



river excursions will be conducted every evening during the holidays.

On trips to Rottnest Island, the Zephyr to Garden Island, leaving Perth at 10 a.m. and Fremantle 11.30 a.m., leaving the siand at 5 p.m., giving passengers four 10 a.m. and 7 p.m. on Christmas Eve; 10 a.m. daily from Christmas Eve; 10 to 10 a.m. and 7 p.m. on New Year's

report on facilities for the training of constantial activation of the Sunshine Club have been travely commend methods by witch improvements for the Sunshine Club have been travely commend methods by witch improvements for the Sunshine Club have been travely commend methods by witch improvements for the Sunshine Club have been travely commend methods by witch improvements for the sunshine Club have been travely commend methods by witch improvements for the Sunshine Club have been travely commend methods by witch improvements for the Sunshine Club have been travely commend methods by witch improvements for the Sunshine Club have been travely commend methods by witch improvements for the Sunshine Club have been travely commend methods by witch improvements for the Sunshine Club have been travely commend methods by witch improvements for the Sunshine Club have been travely commend methods by witch improvements for the Sunshine Club have been travely commend methods by witch improvements for the Sunshine Club have been travely commend methods by witch improvements for the Sunshine Club have been travely commend methods by witch improvements for the Sunshine Club have been travely commend methods by witch improvements for the Sunshine Club have been travely commend methods by witch improvements for the Sunshine Club have been travely commend methods by witch improvements for the Sunshine Club have been travely commend to the Sunshine Club have been travely commen