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It is my hope that you find the file of use to you personally – I know that I would have liked to have found some of these files years ago – they would have saved me a lot of time !

Colin Hinson

In the village of Blunham, Bedfordshire.

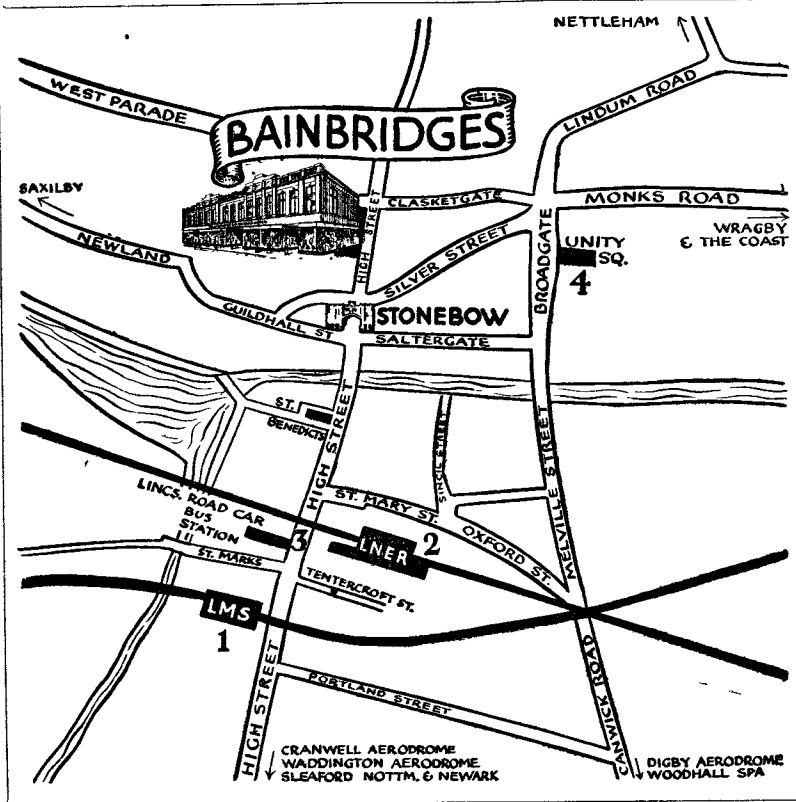


THE MAGAZINE
OF THE
ELECTRICAL AND
WIRELESS SCHOOL
ROYAL AIR FORCE,
CRANWELL.

No. 5.

DECEMBER, 1937.

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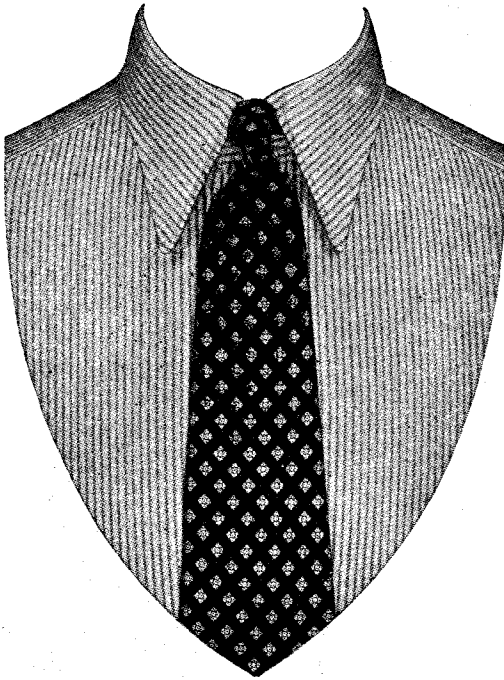


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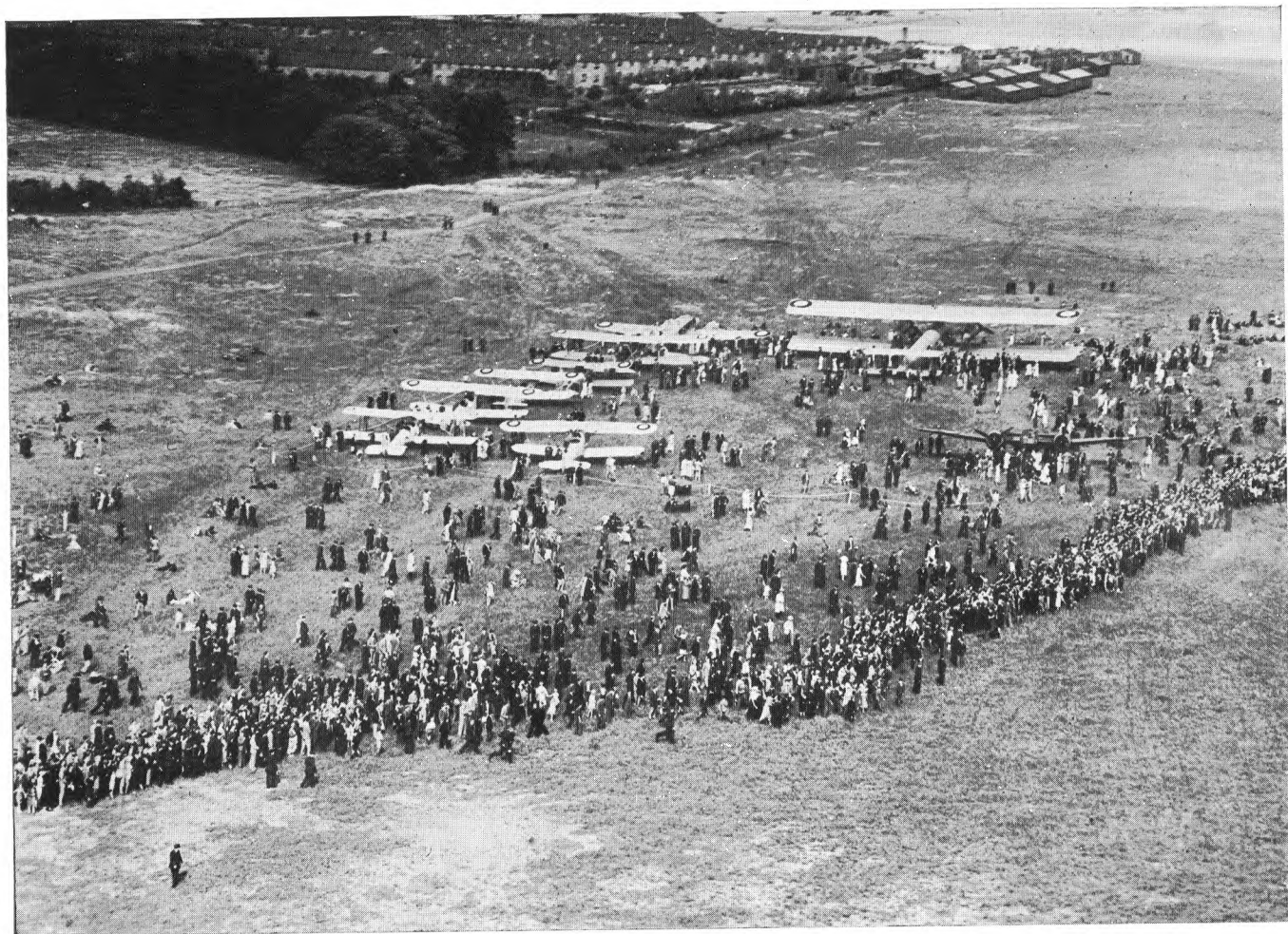
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The Magazine of the Electrical & Wireless School

No. 5

DECEMBER, 1937.

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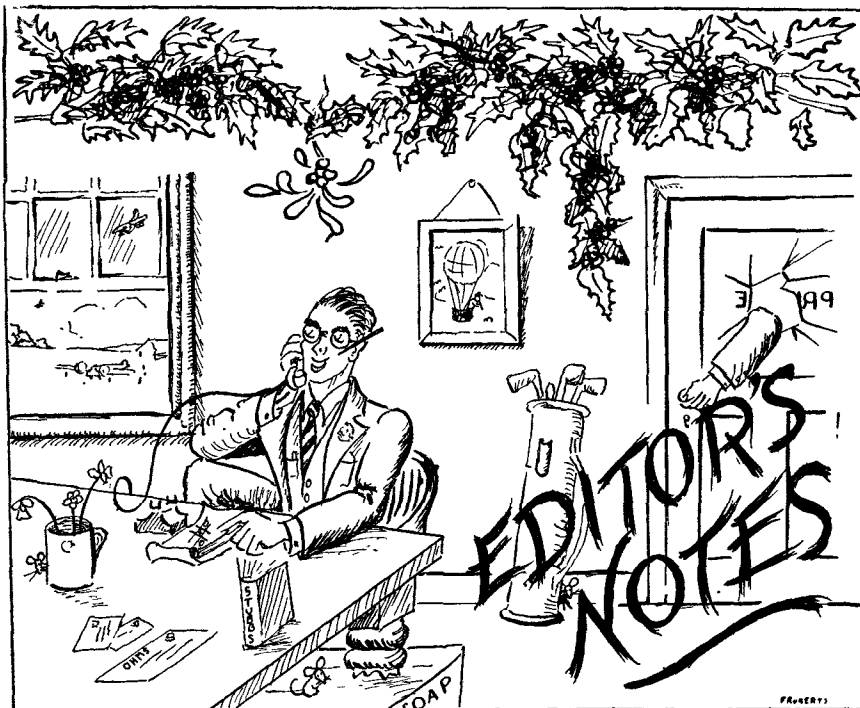
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WE hope that the new Badge of the Electrical and Wireless School, which appears on the cover of this number, and also in colour on the Christmas Card, has not passed unnoticed by our readers. A modification of the existing Badge has been under discussion for some considerable time, and the final design was recently submitted for the approval of His Majesty the King. A communication has now been received from Chester Herald, of the College of Arms, that His Majesty has approved the new Badge and that the original painting will be formally presented to this Unit in due course.

We thank our many readers who have written to us in appreciation and have sent us valuable suggestions. One result of this correspondence has been our decision to suppress the Technical Section. We should also like to remind our readers that in a Unit of such complexity as the Electrical and Wireless School, it is a difficult matter to organize smoothly the distribution and sale of the Magazine. We therefore ask for a small measure of indulgence if the arrangements made do not proceed in exact accordance with plan.

It remains for us now to wish you all a Happy Christmas, and in the New Year that promotion or posting for which you are hoping.

NEWS AND EVENTS.

IN our last issue we promised to give a report on the Fête and Tattoo which was held on July 17th in perfect summer weather. There was a very large attendance and the stalls, side shows and variety entertainment made a handsome profit from which donations were made to R.A.F. Benevolent Fund, Grantham and Cranwell Hospitals, and to local Institutions and Camp activities. In the evening a team of Aircraft Apprentices and Boys gave a very fine exhibition of physical drill, which testified to the admirable training they had received under Flight Sergeants Tynan and Hart. After dark a formation consisting of a Valentia and two Moths, with the undersides of the wings illuminated, gave an interesting demonstration of night flying. This was followed by some remarkable evolutions by a party of airmen from No. 1 Wing bearing torches, ably trained by Warrant Officer Houghton and Flight Sergeant Egan. The programme was concluded by the singing of "Land of Hope and Glory" and "God save the King," led by the Male Voice Choir under the direction of Mr. Suttle. The Massed Bands, conducted by Mr. Sims, were on duty throughout and a running commentary was provided by Mr. Lambert from a box on the roof of the grandstand. A photograph of the scene in the Stadium appears in this issue.

The Passing Out Inspection of the September, 1934, Entry of Aircraft Apprentices was held on July 27th, the inspecting officer being Air Vice-Marshal J. E. A. Baldwin, D.S.O., O.B.E., who afterwards presented the prizes. We congratulate the following prize-winners:—

Highest aggregate, Sgt. Apprentice (now A.C.1.), Moreman. Highest Technical Marks, Cpl. Apprentice (now L.A.C.) Humphrey. Highest Educational Marks, Aircraft Apprentice (now A.C.2.) Dodds.

Air Marshal Sir Charles Burnett, K.C.B., C.B.E., D.S.O., Air Officer Commanding-in-Chief, Training Command, inspected the Electrical and Wireless School on September 21st, on the occasion of the Passing Out Inspection of the May, 1936 Entry of Boy Entrants. We offer congratulations to the following prize-winners of this entry:—

Highest Technical Marks, Boy C. Clark. Squadron Prize, Boy Corporal C. E. Ruff. Boy Clark is the first Boy Entrant to qualify technically for L.A.C.

Many of our readers will be interested to hear of the success at the R.A.F. College of Pilot Officer P. H. Wigg (ex-Cranwell Aircraft Apprentice) who was awarded the Abdy Gerrard Fellowes Memorial Prize for Mathematics and Science and the J. A. Chance Memorial Prize for Service Subjects.

We notice many familiar faces again in connection with the personnel of the Conversion Course from W.O. to W.O.M. The number of N.C.O.'s and Airmen posted for this Course is now approaching 300.

Cranwell received a visit on October 19th of General der Flieger Erhard Milch, State Secretary for Air in Germany, who was accompanied by Lieut. General Strumpff, Major General Udet and other representatives of the German Air Force.

Parades were held on Armistice Day to observe the Two Minutes' Silence, and the remainder of the day was a general holiday. The Armistice Commemoration Service was held in the Command Church on Sunday, November 14th, the preacher being Bishop Carey, late Bishop of Bloemfontein.

PASSED TO YOU FOR INFORMATION.

WE have reason to believe that electric light will be installed in the huts by the end of the winter.

The luxury car frequently seen pulling a roller over the runway on the aerodrome has given rise to a rumour that a School for Motoring is to be added to the official activities of the Electrical and Wireless School.

Now that light blue and dark blue hat bands have been issued, it will probably be necessary to separate C and D Squadrons on Boat Race night.

It is thought that the unusually large formations of starlings seen at Cranwell this autumn have come to watch the flying.

In spite of the large increase in civilian personnel, serving officers in uniform may still be seen occasionally at Cranwell.

We are pleased to be able to announce that no huts were destroyed by fire on November 5th. We are also asked to state that severe disciplinary action will be taken against any individuals seen trampling on the flower beds between the new huts.

The Rauceby Mental Hospital authorities are anxious to trace the man who thought that the Conversion Course from W.O. to W.O.M. was from Warrant Officer to Warrant Officer's Mate.

In spite of the fact that stoves are now lighted in the huts in the morning, it has not so far been found necessary for pupils under training to wear gas masks. The possibility, however, of a fire breaking out in one of the huts is viewed with increasing alarm because at present there are no picks provided to break the ice in the fire buckets.

The Minister of Transport regrets that he is unable to accept the invitation to open the new roads constructed between the huts in the Electrical and Wireless School.

KENT.

AT last! My foot has passed into my home's own dales,
My Kentish home. That lovely home where nature never fails
To reproduce anew for me her rolling hills and vales.

Her vales! Wherein the sweetest winds for ever blow
With luscious scent of bounteous leaf that brings
The joy of life and sets the pulse within my heart athrob.

My heart! That many long and dreary months has slept
In Cranwell's fields. Those fields so bleak, so desolate,
That chill the soul, yet guide and bend us to our destined lot.

Ah Kent! So short the time my gladdened heart with thee
May have ere I depart: but thou shalt live in memory.

H. R. J.



SIGNING ON

"I'm ex-Cranwell ex-Messpot ex-Service but
not very ex-CITING, and I want a safe
ground station job not far from Golden's Green!"

ELECTRICAL AND WIRELESS SCHOOL, A.D. 1987.

DEAR FOSTER PARENT,

I could not get you on my wireless to-night, so I am dictating for you a few words on my dictaphone and will send you the record to-night by air rocket. I was glad to see on my old television set, which still works well, that you were not looking anything like your 150 years, and I shall be standing by if you want to see me and talk to me at 2100 hours to-night unless you prefer to get in touch with me by telepathy.

I am afraid I have not much news for you, and I shall just describe a little of our School routine. I was up to-day at dawn. It is quite easy to get up early here, owing to our new electric mattresses. Besides, they have on the ultra-violet rays full blast at four in the morning. After a quick shave with my electric motor, which shaves me in bed, I threw my boots, kit and gas projector into the cleaning machine, and went down the corridor on my scooter for a mineral bath. The mixture this morning was sulphur and chalybeate, and is prescribed for Wednesdays by our medical adviser. After a little massage and hair drill I had quite a pleasant breakfast off one tablet of compressed kipper and mushroom and two pastilles of ham and eggs. These the steward told me, as he dissolved for me in hot water two heaped teaspoonfuls of our latest teakocoffee mixture, contained all the necessary vitamins in their correct series. To-morrow they are trying out the new pillules of gazelle's hoofs and swallows' eggs; it may improve our flying.

After breakfast I, with the rest of the airmen in my Entry—there are about 5,000 of them—hopped on to the School underground railway and stepped off at the gymnasium. Here our instructor, who is a keen psycho-analyst, put us through a few curative exercises, while his assistant professors alternately played to us sonatas from Beethoven, and quoted passages from the English, Latin, Greek, French and German masterpieces. Our gymnasium has been furnished recently with every type of the best classical sculpture, strewn about as a warning to errant gymnasts who may be developing their faces and muscles in the wrong places.

After a short lecture on neurology we caught an underground train for our next lecture on astronomy. Our lecturer told us some laughable anecdotes about an archaic old chap called Newton, and a non-Aryan bloke, Einstein, who was thought quite a lot of fifty years ago. How primitive it is now to talk of gravitation, quanta and continua! Do you know that some of them really thought that matter existed?

After this we went on to the Chief Instructor-in-Chief, who amused us with his discussion of antique types of discipline; he showed us by thought-transmission airmen in the old days forming fours, and being on the square hour after hour, or doing a crude field-punishment they used to call "jankers." He also told us a lot about some old buffers, Tolstoy, Marx and Stalin, and said that we were at all times to do exactly what our emotions and instincts dictated. We were to work and we were to slack just as we felt inclined. Good discipline, he held, could

only be based on co-operation and on the affection between subordinates and their commanders. We must get rid of our inferiority complex in his presence. Indeed, he would be glad if we would tell him if at any time he had let us down, or if he were lacking in "drive."

After that I had to go to our resident osteopath. You see, last night I took one over the eight drink tablets, and I began some foolish game in the corridor rather like the ancient game of rugga. This was a game they used to play at the School fifty years ago. The airmen then had to play this game several times a week in order to keep the staff of the hospital occupied and happy. When they were not injuring each other at games they used to go in for a savage rite called boxing, in which after several hours of acute nerve strain they knocked each other on the cranium trying to induce concussion, the idea of this sport being to pass from chaos to coma. Nowadays, of course, we cannot spare time for such physical wastage. There is so much to learn at Cranwell that we cannot afford to miss one lecture or attend them in a crooked or dazed condition. It would be no joke handling a slow machine in a 900 m.p.h. dive with a black eye.

Later on I had a talk with our professor of dietetics, and on his advice I dissolved two pillules containing the necessary alkaloids. It took about one minute. They tell me that in the old days they ate and drank in the evenings for hour after hour, while men played with brass instruments. I then got into a machine which was pushed on to the roof of the School. It is the new wingless type with a small engine. I went in it on a short cross-country flight to Moscow and back. It was quite a good bus. It cruises nicely at 1,000 m.p.h., but a slight leak in the cabin made flying in the stratosphere rather cold work despite my electric suit.

By the way, do you know how many times that American chap has now flown round the world continuously? He must be getting dizzy. They tell me he is aiming at a million miles non-stop, but I doubt if he will do much more than half that. We are rather interested in him, as he has two brothers at the School.

One of our fellows to-day, in a machine plated with two-inch steel, climbed well into the super-stratosphere, and in a few weeks one of the instructors is planning a long-distance flight towards one of the planets. But I shall be surprised if he reaches even the moon. His machine is to be driven by atomic explosions. By the way, I should be glad if you would let me have the new sports model autogiro you promised me for my birthday. You can have my airship in part-exchange.

To-night I have to get up my Russian and Japanese notebooks. I don't think I shall have time to attend the Nudist Society. There is also to be a lecture to-night on the Progress of Aviation in the Greater Planets. At twenty-four o'clock I believe someone is talking about the Palæolithic Philosophies of the Twentieth Century. I think I shall look up my Hormones. I must be due for another injection.

To-morrow I hope to do some practical work with the Death Ray, and I must get on to the range with my forward gun—the 12-inch one. Also I lost a lot of marks for my gas spraying in the last test. I am afraid I may fail in Anthropology, and I don't seem to be doing very well in Personality, despite several séances with

my squadron commander. We had a mechanical examination on alpha particles to-day. A thousand questions were asked, to each of which we turned knobs for Yes or No. I only got 997 answers right, but at any rate I was quickly out of my misery.

Well, I must get to bed now, as I feel I want at least two hours' rest. Besides, I was injected yesterday with a heavy dose of anticrash asbestos mixture and I have not quite got over the effects yet.

It was bad luck about my foster-brother. He had just telescoped his wings and got into the gun to be catapulted into the stratosphere. Well, what do you think? —he had forgotten his blacking-out mixture of all things!

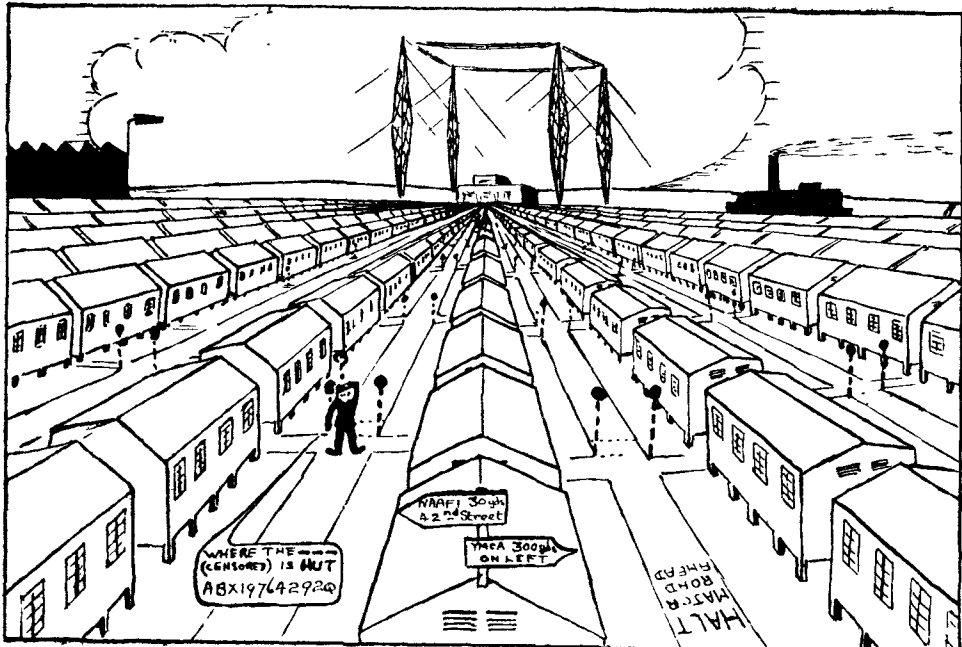
I went down to the Psychology Section after my Instructor had finished a bit of hypnotic suggestion with one of the pupils. I got into touch with my foster-brother. He told me he was very sorry to leave Cranwell, and implored me to let him know the date of the Inter-Squadron Philharmonic Competition. He was also interested in our new rocket parachutes; you know you go up in the rocket a few thousand feet and then open the broolly and endeavour, by skid and sideslip, to come down within a six-foot circle on the roof of the School.

We are all looking forward to the time when one of our twenty-five science professors gets on with his new method of dematerialization. The last chap he transmitted through the ether was found on rematerialization to have lost one or two important bits of his anatomy.

I am,

YOUR FOSTER SON.

EXPANSION.



WORDS OF WISDOM.

“ **H**OWLERS ” are always with us. Here is a selection of recent vintage and local origin. Please note that all are used specimens and therefore ineligible for reproduction for examination purposes.

Aircraft accumulators are made of a black insulating substance called Monobloc.

Hysteresis is a sort of hysteria which occurs when the change in magnetism is so rapid that the iron doesn't know what is happening to it.

Few pilots would care to venture over unknown territory without the essential aircraft instruments, many of which have not yet been invented.

The efficiency of a machine tells us whether we have to put less work into it to get more out of it or more work into it to get less out of it, in which case it is not worth working it.

The square root of any number is that number which if multiplied by that number gives you the number you first thought of. The square of a number is just the reverse of this.

The potential difference between the terminals of an accumulator is 2 volts. If the terminals are joined by a thick wire the potential difference is zero. This is impossible so the wire melts or the accumulator is ruined.

The capacity of a condenser is the number of hours it will discharge 1 amp at the ten-hour rate.

True North is the direction a compass needle would point if taken to the North Magnetic Pole.

A thermionic valve has three characteristics, namely anode, cathode and filament.

Ohm's Law tells us what to expect if we pass a certain current through a resistance.

There are three ways of stopping a current. These are known as Resistance, Reactance and Impedance. The latter two are only used for stopping alternating currents.

Element means that someone has got a job which he likes very much, or a game of some sort (e.g., in his element).

Compound means that you have got a large interest in money which is called compound interest.

Heat, lands, etc., are elements, but an Irishman named O'Boyle found for us that there were about 90. Even to-day we read in the papers that such a team was playing against the elements which they mean the weather was very poor.

A compound is composed of two or more substances such as oxygen which contains hydrogen and water.

A molecule is a very small animal which cannot be seen with the eye, but when the molecule die there dead bodies all form together to make one big rock.

And finally, the remark of an English pilot who, having the misfortune to have made a forced landing in an onion field in France, reported to the authorities, “ J'ai craché dans un champ de rognons.”

MALICE IN SLUMBERLAND.



“ You are young, Squadron Leader,” the Adjutant said,
“ You’ve gone up in two bounds and a leaple;
Now you sit in your office and sleep like the dead,
Such behaviour I think a bit steeple.”

“ You forget yourself, Ronald,” the O.C. replied,
“ I attained my high rank by hard shirkle;
And a youthful appearance is matter for pride,
Let me recommend physical jerkle.”

“ You are young, Squadron Leader, and obviously
You have not very long left your cradle;
Do you think it is right that you sit drinking tea
While your Adjutant takes the parade? ”

“ That’s enough,” said the O.C., and rose from his chair,
“ Be careful you don’t make me thinkle,
Or else I shall have to take action, I fear,
And a nod is as good as a winkle.”

SAFARI

By Ha Chin.

I'VE just left you chaps in Cranwell, and I've journeyed away into East Africa, almost Central Africa, to a spot called Mbinga, right down on the border of Northern Rhodesia and Tanganyika. Why did I come here? — well that is a natural question. In 1935 I was an Instructor in the Chinese Air Force, of the 4th Group Army, in Kwangsi; 1936, I was one of the Instructors in Air Operating Section of the School; 1937, here I am living in the Bush. I came because I hadn't been before, and I wanted to see this marvellous country. To me it's all new, a contrast to Sleaford, Lincoln, Nottingham, and Ruskington; they became a habit after one year, this life is different. Here are a few of the adventures which have *not* been my lot yet, although they are liable to be any day.

- No. 1. I left Dodoma, on August 14th, 1937, and journeyed by car to Fringa ; all I saw was buck and monkey hopping around the road, but I was stopped by one motorist coming from Fringa and warned. He had been held up by eight lions lying around the road in the sun, and had to sit tight for two hours !
- No. 2. A lorry driver saw a rhino alongside the road and stepped on it, but the rhino was quicker. He tailed up behind the lorry, trying to lift the rear of the lorry off the road with his horn and plenty of grunts, but the driver by skilful driving brought the lorry to a stop and thus imprisoned Mr. Rhino. The driver then shot him with all the ease in the world.
- No. 3. A well known white hunter here, who is very deaf and depends entirely on his eyes for his living, was out after a rogue elephant, following his spoor. He found his enemy with his head in the bush, having approached up wind, and could not get into a position for a shot, so he calmly picked up a piece of rock, flung it at the elephant's hindquarters, and when the enemy turned to see the cause of the bother, calmly shot it.
- No. 4. Recounted to me personally by a D.O. who shall be nameless. He was proceeding to Dodoma, to collect his wife and family, when ahead he saw a lion lying in the middle of the road basking in the sun. He slowed down, rev'd his engine, sounded his horn, but nothing happened. When he was within ten yards of the lion, the beast rose, and slowly approached the car, whereupon the D.O. went into reverse and had to speed up, as the lion, which was really curious, got into his stride. After about a mile of anxiously watching the front for the lion and the rear of the car for direction, the lion gave up and sauntered into the bush.

If you would like paper cuttings of these affairs I'll post off a few each time they appear and let you sort them out. However, Safari was the original title of this yarn which in our language means 'travelling,' and to revert to the original question, Why did I take this job in East Africa—well, I hadn't been before—but now I know better.

(We thank E. Hutchings [ex-Cranwell] for this novel contribution. Ed.).

NEW TYPE HAT.

THE moment 12.25 hours having arrived with the usual intensive search for the elusive copy of that interesting publication "Logarithmic and other Mathematical Tables" in full swing, Mr. Theta discovered that he had himself placed it under some of his own papers. Having dismissed the class and placed his keys on the appropriate hook in the office, Mr. Theta was on the point of driving away in his car when A/A Beta dashed up to say that he had left his hat in the class room. Having registered a grumble Mr. Theta good humouredly returned to the offices for his key and then proceeded to Hut No.1,067. Being unable to turn the key, he withdrew it from the lock, when a careful examination revealed that he had the wrong key. A/A Beta was then sent to obtain the right key, but still it persistently refused to unlock the door. After various remarks about the kind of lock and after the door had been kicked in various ways, A/A Beta suggested that perhaps the door was not locked at all. In spite of Mr. Theta's assurance that he had locked the door himself this eventually proved to be the case, as the door opened quite easily by simply turning the handle. A/A Beta, now a little worried lest his friends should have consumed his dinner, commenced a frantic search for his hat, but all in vain, for he eventually found it in his overcoat pocket which he had been wearing all the time.

G. H. W.

MY PROMISE.

I had twelve bottles of whisky in my cellar and my wife demanded that I should empty the contents of each and every bottle down the sink. I promised I would, and proceeded to do as she desired. I withdrew the cork from the first bottle and poured the contents down the sink with the exception of one glass, which I drank.

I extracted the cork from the second bottle and did likewise with the exception of one glass which I drank. I then withdrew the cork from the third bottle and emptied the whisky down the sink, except one glass which I drank. I pulled the cork from the fourth sink, and poured the bottle down the glass which I drank.

I pulled the bottle from the cork of the next and drank one sink out of it and then threw the rest down the cork. I pulled the sink out of the next cork, and poured the bottle down my neck. I pulled the next cork from my throat, poured the sink down the bottle, and drank the cork. Then I corked the sink with the glass, bottled the drink and drank the pour.

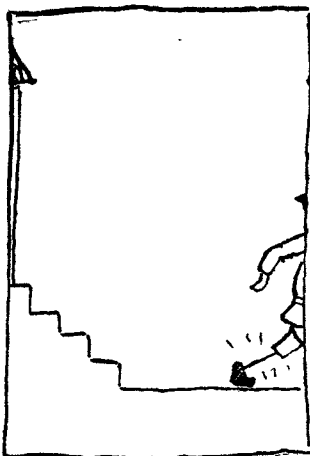
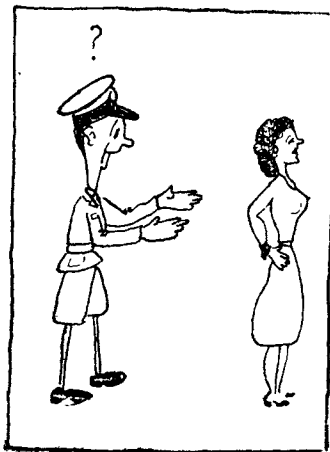
When I had them all emptied, I steadied the house with one hand and counted the bottles, which were twenty-four. So I counted them again when they came round and I had seventy-four, and as the houses came round again, I counted them and finally I had all the houses and bottles counted, except one bottle and one house which I drank.

H. F. D.

THE NEW UNIFORM.

THERE was a little airman
With a pair of nice puttees
Who spent his evenings wandering
Bristol Wood among the trees.

Friends pointed out that Sleaford
Was but six miles away,
And girls galore were waiting,
Playful as lambs in May.

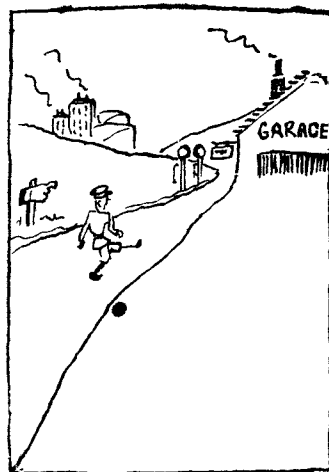


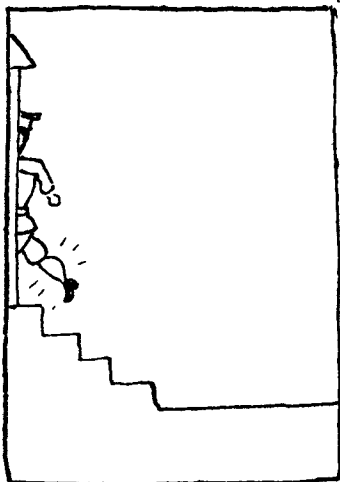
“Alas, old pals,” he murmured,
“Alack! That may not be.
Such mad ecstatic moments
Were never meant for me.”

“For girls are curious creatures.
One glance at me they cast,
And when they see my puttees
That one glance is the last!”

“I do not blame the damsels,
I know my legs are thin.
I know I am not *comme il faut*,
With limbs of bone and skin.”

“The haughty dames of Lincoln
Sneer down disapprobation
Right from the moment I arrive
Until I leave the station.”





“ And so, you see, my dear old pals,
My lot's most misanthropic;
So be a crowd of decent sports,
And do please change the topic.”

For months that little A.C.2
Pursued the paths of gloom,
A weary, lone, disgruntled soul,
Unhappy as the tomb.

His luck, however's, changed at last:
His name with girls is speedy;
Dressed in this Season's uniform,
He's anything but weedy.

This very wondrous happening he
Attributes to the gaiter,
Which lets his calves expanded be
By a bicycle inflator.



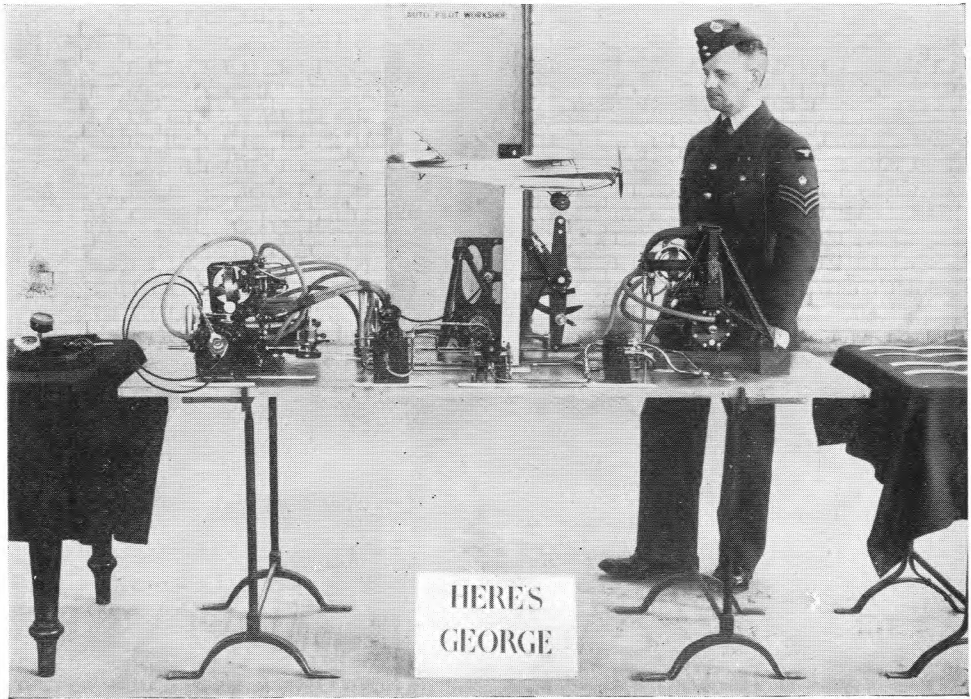
“ George ”

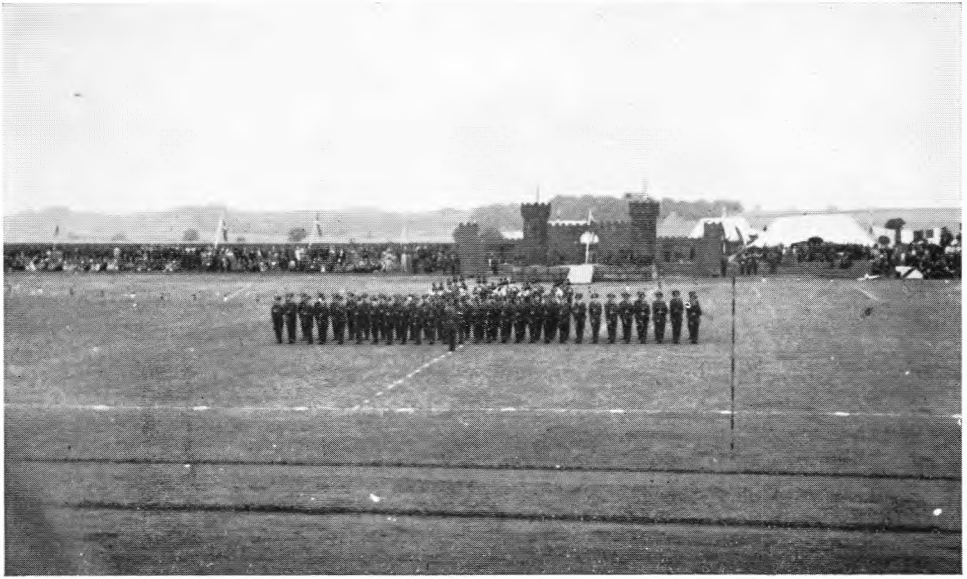
WE welcome back F/Sgt. Anderson to the Instrument Makers' School, from the R.A.F. Station at Mildenhall, where he was for some time in charge of the Automatic Control Station.

F/Sgt. Anderson is one of the very few ex-Royal Flying Corps Instrument Makers still in the Service and his association with the E. & W. School extends over some 20 years. He is still greatly interested in the sporting activities of the School, and particularly in those of “ C ” Squadron, to whose personnel he is engaged also in disclosing the mysteries of his trade.

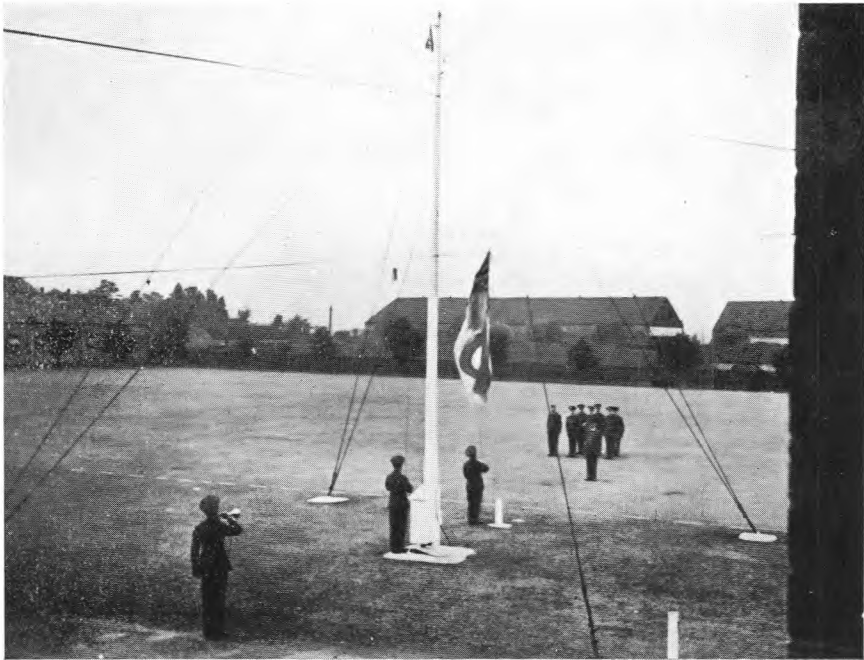
The photograph illustrates “ George,” the demonstration Automatic Control Set as arranged for the visit of His Majesty the King to Mildenhall, when F/Sgt. Anderson and two ex-apprentices had the honour of demonstrating it.

C. B. T.





FETE AND TATTOO, CRANWELL, JULY, 1937.



HAULING DOWN THE FLAG.

STORM SCENE.

(Lake Ontario, Autumn, 1932).

THE loud winds roar on the lonely shore
And the waves beat loud and high ;
The surges groan with a hollow moan,
The pebbles grate on the shore of stone
With a weary rustling sigh.

The moon shines out through the clouds mad riot
And the sheeted spray sweeps past ;
Then hid from sight is her ghostly light
By veils of mist from the clouds wild flight,
On the Storm-God's roaring blast.

Then, velvet-black, on the silv'ry track
That the ghost-moon lays below,
Her lonely shroud in the scudding cloud,
The wild waves bellowing round her, loud,
Is a little ship, and slow.

Then softly borne is her silent form
To the dark beyond my sight.
I stand alone, on the shore of stone
Where breakers boom with a hollow groan,
'Neath the ghost-moon's weeping light.

F. A. M.

A WIRELESS INTERLUDE.

- A. A doctor on " Hints on children's health."
- B. A 'bus driver on " Care of Cars."
- C. A chef on " Good cooking."
- D. A musician on " Music and the ordinary listener."

A.: Good evening everybody. I must say—

B.: Good evening everybody. Allow me to say—

C.: Good evening everybody. Before I begin my weekly talk this evening may I say—

D.: Good evening everybody. Continuing our weekly talk on music and the ordinary listener—

A.: which is enough to give any child a severe cold. To relieve a cold on the lungs, rub well with—

B.: Ethyl, which has passed the Government analysis ; but we 'bus drivers run on a commercial grade which of course is much cheaper. A liberal amount of oil should be used when—

C.: making shortbread, as this gives crispness when cooked. To make Irish stew, take one pound of steak, one pound of potatoes, and—

B.: one tin of carbide mixed with water. This gives off a highly inflammable gas which is—

A.: excellent for bronchitis, pneumonia—

D.: and other musical instruments. You will notice a rest in the bar and while waiting—

B.: you should fill your radiator—

C.: with treacle and currants until it is—

A.: unconscious. Lay the child on its back—

B.: make sure the petrol and air are shut off—

C.: and add sugar and milk to taste. Sti—

A.: and gargle the nose and mouth—

B.: and other prominent parts with Karpol or Brasso, which adds the finishing touches. Should the brakes refuse to act, change down into bottom, release the clutch—

D.: and whistle ' Home Sweet Home '—

A.: until the doctor arrives. Hot fomentations, placed on the—

B.: self starter, greatly facilitate car driving. It is wise—

A.: to take a spoonful of bisurated magnesia mixed with—

B.: a gallon or two of petrol—

C.: cover down and place in a hot oven—

D.: and you will quickly learn to play the harp. The best way to reach the top notes is to—

A.: have an operation for adenoids and tonsils, and carefully—

B.: scrape your gears. This is often done when learning to drive. If, while you are driving, the engine suddenly ceases to fire, this may be due to lack of petrol, an oily plug, or—

A.: an unwise consumption of—

C.: stale dough—

D.: in the tonic sol-fa. Before beginning to sing, take care to—

B.: drain the crank case—

A.: and take a large dose of castor oil—

C.: about three times an hour on an average—

D.: which will remove all doubts from your mind. Keep your voice—

A.: in a bottle tightly corked, and shake well before using—

D.: which gives a beautiful tremolo effect. My time is—

B.: kept under a cushion in the back seat of the car. Be sure always to carry a large adjustable spanner—

A.: in case the patient becomes troublesome. A tap now and again is all that is—

C.: kneaded in order to keep it light and spongy. All pots and pans and cooking utensils should be kept spotlessly clean with—

B.: a piece of oily rag or waste. A grease gun will be found very useful for—

C.: icing cakes for Christmas and birthdays. Fill carefully with pink icing and—

A.: place in the patient's ear and syringe carefully. If you cannot afford a syringe—

B.: you can borrow a foot pump at any garage. Having done this, take the handle in front of the car in the right hand, press towards the car until it engages, turn sharply to the right, and the engine will—

A.: cough and splutter, or vomit—

C.: in which case the—

D.: piano will need tuning. Good—

A.: Night—

C.: Every—

B.: Body.



DRAMATIC CIRCLE.

THE Apprentices' Dramatic Circle meets on Monday and Thursday evenings. Many new members have been welcomed and the Circle is now busily and enthusiastically rehearsing the well known comedy, "Youth at the Helm." The play will be produced in February and should provide excellent entertainment.

AIRCRAFT APPRENTICES' SCIENTIFIC SOCIETY.

DESPITE sluggish starting from cold this term the Scientific Society is now fairly under way, and the new membership roll shows considerable promise of talent. It is hoped that a programme of talks by members themselves will lack neither material nor support and will lead to lively discussion, which constitutes the main object of the Society.

The opening lecture on October 19th was well attended and Dr. A. R. Bowen, Principal of Newark County Technical College gave a most illuminating exposition of the principles and methods of petroleum production, amply illustrated by slides. It is hoped that the excellent spirit of this first open meeting will prove a "gusher" not easily extinguished.

EAST CAMP INSTITUTE.

EVENING entertainments have suffered a little from alterations and re-decorations which have been in progress during the last months. We wondered whether we might even be given a new roof as well, but no, the leaks were stopped and there has been no rain—yet.

The fellow who devised a method of knocking the inside out of our building without letting the roof fall in is an artist. We can almost stretch both legs at once.

The Inter-Squadron Billiards Tournament will begin shortly and whist drives, table tennis and draughts tournaments have been as well patronised as the limited accommodation will allow.

CRANWELL MODEL AEROPLANE CLUB.

SINCE the last issue of the Magazine we have had to bid farewell to Mr. J. MacDonald, who has been posted to Amman and to whom we extend our warmest thanks in appreciation of his activities as Chairman of the Club. We are sure that all who knew him will join with us in wishing him the best of luck at his new post.

We now extend a hearty welcome to Mr. T. Willcox as Chairman of the Club. Mr. Willcox and F/Sgt. Gutteridge have had their hands full in trying to cope with the requirements of a Club whose membership has been doubled, almost overnight, owing to the expansion.

The Club almost earns the right to be called a Mobile Squadron, having changed its abode four times in as many months, with a fifth and final move impending. This has not daunted our spirits and though thus handicapped we have produced excellent results, which included the Annual Flying Meeting on September 27th, held on the South Aerodrome. The majority of flights were really good, which is all the more striking when consideration is given to the fact that a little under 50 per cent. of the members had not had any previous experience of model aeroplane construction. Spectators were both thrilled and amused by the performances given, thrilled by the "Fury"-like zooming climb of S.L.'s twin-motored monoplane, and rather amused by the "Valentia"-like performance of the one biplane taking part.

We would like here to register our appreciation of the interest taken in the meeting by Air Vice-Marshal J. E. A. Baldwin, D.S.O., O.B.E., as Patron of the Club, the Commanding Officer E. & W. School, Group Captain J. H. Simpson, and the Officers who acted as judges. The judging at times was very difficult but was most ably carried out.

The prizes were presented by the Air Officer Commanding and his speech at the end has given the Club members a greater realization of the scope of model aeroplane construction and fresh encouragement to improve in design and construction. Next year we hope to put up a display never before equalled at Cranwell.

A list of the prize-winners is given below:—

Winner of Cup for 1937-38 for best all round flying model—1, A.A. Sarll; 2, S/A. Death; 3, A.A. Devonport.

Best duration of 3.ROG under 150 sq. ins. wing area—1, C/A. Saunders and A.A. Willcocks, 54 secs. each; 2, S/A. Death, 52 secs.

Best duration of 3.ROG over 150 sq. ins. wing area—1, S/A. Death, 1 min. 8 secs.; 2, A.A. Sydney, 45 secs.; 3, A.A. Sarll, 41 secs.

Best duration of 3.HL under 150 sq. ins. wing area—1, A.A. Sarll, 1 min. 31 secs.; 2, C/A. Saunders, 1 min. 10 secs.; 3, A.A. Willcocks, 1 min. 6 secs.

Best duration of 3.HL over 150 sq. ins. wing area—1, C/A. Saunders, 1 min. 12 secs.; 2, S/A. Death, 1 min. 1.5 secs.

Open best duration of 3.ROG flights—1, S/A. Death, 1 min. 8 secs.; 2, C/A. Saunders and A.A. Wilcocks, 54 secs. each.

Best constructed flying non-scale model—1, C/A. Saunders, 95 per cent.; 2, S/A. Death and A.A. Thorpe, 90 per cent. each.

Best flight of day—A.A. Sarll, 1 min. 31 secs.

Probationary members, best duration of 3.HL flights—1, A.A. Dee, 41 secs.; 2, A.A. Finch, 34 secs.; 3, A.A. Prior, 23 secs.

The Club Inter-Flight Shield for the Flight scoring the most points at the meeting—" B " Flight, 86 points; " A " Flight, 71 points; " C " Flight, 21 points.

No. 1 WING INDOOR ENTERTAINMENTS.

THIS Wing has done remarkably well with its indoor entertainment during the last six months. Numerous whist drives, solo drives, table tennis, draughts and dart matches have already been held.

Table tennis matches have been played with teams from No. 3 Wing and also from Sleaford, which have all resulted in a win for No. 1 Wing.

We have also had several dances during the winter months, and have formed a Dance Committee. These dances are proving very popular, the playing and smart appearance of the Command Band being appreciated.

We are now running a series of larger tournaments in addition to the weekly ones.



47

CRICKET (SEASON 1937).

THE School fielded two XI's during the season, and a reasonably high standard was attained. Results:—

	Played.	Won.	Drawn.	Lost.
E. & W. School 1st XI.	16	6	4	6
E. & W. School 2nd XI.	12	3	5	4

Inter-Unit Cricket.

Ten Squadrons took part in an Inter-Squadron Cricket League Competition, and 45 matches in all were played. " A " Squadron, No. 2 Wing, were the winners with 14 points, and " W " Squadron, No. 1 Wing, were the runners-up with 13 points.

Ten cricket pitches were available for our personnel, together with 12 wickets at the practice nets, and facilities for playing cricket, therefore, were available for quite a large number.

F. D. B.

TENNIS, 1937.

THE Tennis Courts were opened on 2nd May, and as in previous years, the game proved to be a popular one among the Aircraft Apprentices and Boys.

Tennis is run on an entirely different basis from all other sports, owing to the fact that a subscription is charged for membership; it is known as the Tennis Club. This small subscription of 6d. per month for membership entitles the member to free use of courts, racket and balls.

In June the Club reached a total of 580 members, which easily beat all previous records.

Very few matches were held against outside clubs, as it was considered that a tremendous amount of time was taken up by six players representing the School and thus depriving a large number of Apprentices and Boys of their game.

The annual Inter-Squadron Competition, Senior, was won by " D " Squadron, No. 1 Wing, and the Junior, open to Aircraft Apprentices and Boys, by " B " Squadron, No. 2 Wing. The Boys' Inter-Dormitory Competition was won by " B " Squadron, No. 3 Wing.

The Club will miss the services of F/Sgt. Bailey, who acted as Club Secretary for three seasons, and was well known by all past Club members.

E. C. D.

ASSOCIATION FOOTBALL.

Station.

The Station XI includes at the moment nine players from the Electrical and Wireless School.

The results to date are as follows:—

F.A. Amateur Cup.

Divisional Finals—v. Players' Athletic, Away, Lost 4—3.

R.A.F. Senior Cup.

First Round—v. R.A.F., Scampton, Away Won, 2—0.

Second Round— v. R.A.F., Grantham, Away, Won 5—0.

Central Amateur League: Played 9, Won 3, Drawn 2, Lost 4.

No. 2 WING ASSOCIATION FOOTBALL.

At the commencement of the season the Wing entered a team to compete in the Lincolnshire League, Division IV, and up to the present we have enjoyed a most successful season having won all six matches played, with a goal average of 46 for and 5 against.

The opposition encountered to date has not been as strong as we anticipated, and provided our present form is maintained we hope to be operating in a higher sphere next season.

With regard to injuries, the team has been very fortunate, no casualties having been experienced so far.

A.A. Mills playing centre-forward for the first XI has been scoring goals consistently, his bag to date being 25 goals. Credit must also be given to his inside men and the rest of the team for the manner in which they have played up to him.

Results to date. 1st XI.

No. 3 Wing	...	...	...	Away. Won.	6—1.
Road Car Co.	...	...	...	Away. Won.	8—1.
Road Car Co.	...	...	...	Home. Won.	11—0.
Bassingham	...	...	...	Home. Won.	11—0.
Auborn	...	...	...	Home. Won.	4—2.
Navenby	...	...	...	Home. Won.	6—1.

The second XI, who play in the R.A.F. Mid-Week League, have not met with the same success as their Seniors, having only won one of the four games played, with a goal average of 8 for and 18 against, but it is hoped that their form will improve, and by the end of the season they will find themselves well up the League Table.

Results to date, 2nd XI.

West Camp	...	...	...	Away. Lost.	2—7.
West Camp	...	...	...	Home. Lost.	1—4.
No. 3 Wing	...	...	...	Away. Lost.	1—5.
S. of Equipment	...	...	...	Home. Won.	4—2.

No. 3 WING ASSOCIATION FOOTBALL.

Up to date the Wing have not settled down. Competition in the Lincolnshire League is not strong and the Wing have very great hopes of finishing near the top.

In the Mid-week League great promise is shown, with two matches won and one drawn.

Sparkling football is anticipated in future games and support from enthusiasts would be welcome.

ELECTRICAL & WIRELESS SCHOOL BOXING.

Boxing has been of a high standard in the Electrical and Wireless School, and, as predicted in July's issue of the Magazine, we turned out a very good team for the "Wakefields" and gained our ambition by winning this coveted trophy for the Station for the first time in Cranwell history. After a series of eliminating contests, at which great keenness and enthusiasm was shown, we selected the team and out of eight chosen, seven were E. & W. School personnel—five from No. 1 Wing, one from No. 2. Wing and one from No. 3 Wing. The team proceeded to Henlow, the venue of the contests, optimistic and determined to do their best, and endeavoured to improve on last year, when they were runners-up in the competition.

The boxing for the "Wakefields" commenced on Wednesday, 10th November, and in the first series we won six fights and lost two, and at the conclusion of the day's boxing we had four representatives in the final and the situation was: Gosport 26 pts., Cranwell 24 pts. Gosport had a further advantage in having five finalists. Incidentally, on the first day 113 bouts were decided, which will give an idea of the tremendous amount of work entailed in organising, etc.

Thursday was spent as a day of rest with light training and so to the finals on Friday, 12th November. Our four finalists A/Cpl. Riley, A.C.1. Forsyth, A.C. King and A/A Mitchell were confronted with an extremely difficult position—two points behind Gosport, the leaders, and one contestant less in the final. In the first bout in which Cranwell figured we had A.C.1. Forsyth as representative and he fought well and gained a well merited points decision. This was a very vital fight as Forsyth was up against a Gosport man and a win for us was imperative. A.C. King was our next contestant and after a keen fight lost on points. A.A. Mitchell, who already had two knock-out wins to his credit, fought a really good fight and his win on points was well deserved. As a matter of interest A.C. Bell, of Uxbridge, who lost to Mitchell, was a member of the Cranwell 1936 "Wakefield" Team.

At this stage of the competition we were level points with Gosport with one more fight to go—Cpl. Riley opened as if he meant business and after flooring his opponent twice in quick succession he knocked him out in the later stages of the first round.

The team spirit was very evident with our representatives and was a great factor in our victory, and many comments were subsequently passed on the clean hitting of the Cranwell team.

Nos. 2 & 3 WINGS BOXING.

The usual keenness has again been displayed in the opening weeks of the boxing season.

Whilst it is early in the season to give any forecast, we certainly have evidence of a really good team in the making. The Inter-Squadron competitions will take



**R.A.F. STATION, CRANWELL, BOXING TEAM.
(Winners of the Wakefield Trophy).**

Back Row.—Sgt. Elliot, A/Cpl. Riley, A.C. Lawless, Mr. Morgan, A.C. Hodgson, A.C. Maher, A/Cpl. Brown.

Seated.—A.C. King, Air Vice-Marshal J. E. A. Baldwin, D.S.O., O.B.E., A/A Mitchell.

Front Row.—A.C. Jones, A.C. Forsyth.



NO. 1 WING RUGBY XV.

Back Row—F/Sgt. Revell, A/Corp. Jones, A/Corp. Pascol, A.C. Lynn, A.C. Purry, A.C. Webster, A/Corp. Riley, A.C. Lundimore, Corp. Brown.
 Front Row—A.C. Trundle, A.C. Featherstone, A.C. Williamson (Capt.), F/Lt. Shipwright, D.F.C., A.C. Cook, A.C. Todd, A.C. Brown.
 Seated—A.C. Thomas, A.C. Hicks, A.C. Hames.



NO. 1 WING BASEBALL TEAM.

Back Row—J. M. Lynn (2nd Base), J. Organ (C. Field), A/Cpl. C. F. Stevens (L. Field), J. Patterson (S. Stop), C. Burgess (Pitcher), D. Wolfenden (R. Field), J. Paynter (Pitcher), C. Lawson (3rd Base), D. Bunker (1st Base).
 Front Row—L. Atkins (Reserve), S/Ldr. E. S. Borthwick-Clarke, A. H. Murphy (Capt.), F/Lieut. R. L. Bennet, A. E. Furze (Res.)

place about the first week in December, after which we can finally pick our own Wing teams to eliminate for the Sigrist Trophy to be held in February, 1938.

The eliminating contests for the Wakefield Team Championships have been in full swing lately and both Nos. 2 and 3 Wings are represented in the Station team, A.A. Mitchell and A.C. Forsyth representing Nos. 2 and 3 Wings respectively, the results of which will be found on another page.

ELECTRICAL & WIRELESS SCHOOL HOCKEY.

APPROXIMATELY forty matches have been arranged for the E. & W. School XI, and up to date twelve have been played, seven won, two lost and three drawn. The results show that the standard of play is of a high order.

Inter-Unit Hockey.

An Inter-Squadron League is now in progress and so far "B" and "D" Squadrons, No. 2 Wing, and "H.Q." and "M" Squadrons share the lead with eight points.

A junior knock-out competition, open only to Apprentices and Boy Entrants, commenced on Wednesday, November 10th.

After the Christmas break it is hoped to run an Inter-Squadron Knock-out Competition, open to all the Squadrons of the School.

A number of our players are regularly playing for the Station.

F. D. B.

ELECTRICAL & WIRELESS SCHOOL FENCING.

THE results to date may give the impression that last year's high standard of fencing has not been maintained. It must be borne in mind, however, that there has been a big increase in the number of personnel to be handled, and, in addition, the problem of booking the gymnasium has added to our difficulties. Furthermore, no extra Instructors (1st class) have been posted to the School to meet the required demands.

With the opening of the new gymnasium the prospects of putting up a good show at Halton and Uxbridge improve each week. It is unfortunate that we have lost a number of interesting fixtures owing to the move of the two Flying Training Schools, Digby and Grantham.

Results to date.

E. & W. School (Apprentices) v. R.A.F., Wittering. Draw. 29—29.
v. R.A.F., Henlow. Lost. 10—27.
v. Cadet College (6 a side bayonet). Won.

It is interesting to note that the Henlow team included one International and two R.A.F. representatives.

CROSS COUNTRY RUNNING.

WE all hope that the Apprentices and Boys will follow up their successful track season by winning the Moffatt Trophy awarded for the triangular run against Halton and Ruislip. The prospects of their doing so, however, are not as bright as they might be and the team must be stiffened considerably in order to have any chance of success.

The policy this season has been to field two School teams for each match, one of Apprentices and Boys and one of Men. In this way it is hoped to build up a fairly strong Apprentices team.

We regret that we have lost the services of A.C.'s Crossland and Chetwynd, who have been posted.

Results of fixtures up to and including the 6th November are as follows:—

	Pts. against.		Pts. against.		Pts. against.
Cadet College	101	E. & W. S. A.A.'s team	103	E. & W. S. Men's team	102
Cadet College	92	E. & W. S. A.A.'s team	115	E. & W. S. Men's team	96
R.A.F., Scampton	66	E. & W. S. A.A.'s team	42	E. & W. S. Men's team	23
North Sea Camp	99	E. & W. S. A.A.'s team	47		

A. J. F. C.

ROYAL AIR FORCE STATIONS.

IT has been suggested that the Magazine should publish a complete and up-to-date list of all R.A.F. Stations with their geographical localities. In view of the large number of new Stations recently opened, we feel that such a list will be of interest to a great many of our readers.

HOME COMMANDS.

BOMBER COMMAND.

Headquarters: Uxbridge, Middlesex.

Stations.	...	...	...	...	...	Locality.
Abingdon	...	...	...	...	...	near Oxford.
Andover	...	...	...	...	...	Hampshire.
Bicester	...	...	...	...	...	Oxfordshire.
Boscombe Down	...	...	...	...	...	Salisbury, Wilts.
Castle Bromwich (Aux.)	...	...	...	...	...	Warwickshire.
Cranfield	...	...	...	...	...	Bletchley, Bucks.
Dishforth	...	...	...	...	...	Thirsk, Yorks.
Driffield	...	...	...	...	...	Yorkshire.
Feltwell	...	...	...	...	...	Brandon, Suffolk.
Filton (Aux.)	...	...	...	...	...	near Bristol.
Finningley	...	...	...	...	...	Doncaster, Yorks.
Grantham	...	...	...	...	...	Lincolnshire.
Harwell	...	...	...	...	...	Didcot, Berks.
Hemswell	...	...	...	...	...	Lincolnshire.
Honington	...	...	...	...	...	Bury St. Edmunds, Suffolk.
Hooton Park (Aux.)	...	...	...	...	...	Chester.
Hucknall	...	...	...	...	...	Nottingham.
Leconfield	...	...	...	...	...	Beverley, Yorks.
Linton-upon-Ouse	...	...	...	...	...	Yorkshire.
Lympne	...	...	...	...	...	Hythe, Kent.
Marham	...	...	...	...	...	King's Lynn, Norfolk.
Mildenhall	...	...	...	...	...	Bury St. Edmunds, Suffolk.
Scampton	...	...	...	...	...	near Lincoln.
Speke (Aux.)	...	...	...	...	...	Liverpool.
Turnhouse	...	...	...	...	...	Edinburgh.
Upper Heyford	...	...	...	...	...	near Oxford.
Upwood	...	...	...	...	...	Huntingdon.
Usworth	...	...	...	...	...	Sunderland, Durham.
Waddington	...	...	...	...	...	near Lincoln.
Worthy Down	...	...	...	...	...	Winchester, Hants.
Wyton	...	...	...	...	...	Huntingdon.
Yeadan	...	...	...	...	...	Yorkshire.

FIGHTER COMMAND.

Headquarters: Stanmore, Middlesex.

Stations.	...	.....	...	...	...	Locality.
Biggin Hill	...	.....	...	...	...	Westerham, Kent.
Catterick	...	...	...	...	...	Yorkshire.
Church Fenton	...	...	...	...	...	Yorkshire.
Dibden	...	...	...	...	...	Saffron-Walden, Essex.
Digby	...	...	...	...	...	Lincolnshire.
Duxford	...	...	...	...	...	near Cambridge.
Hawkinge	...	...	...	...	...	Folkestone, Kent.
Hendon	...	...	...	...	...	London, N.W.
Hornchurch	...	...	...	...	...	Essex.
Kenley	...	...	...	...	...	Surrey.
Northolt	...	...	...	...	...	Middlesex.
North Weald	...	...	...	...	...	Epping, Essex.
Odiham	...	...	...	...	...	Hampshire.
Old Sarum	...	...	...	...	...	Salisbury, Wilts.
Tangmere	...	...	...	...	...	Chichester, Sussex.

COASTAL COMMAND.

Headquarters: Lee-on-the-Solent, Hants.

Stations.	Locality.
Abbotsinch	Paisley, Scotland.
Bircham Newton	King's Lynn, Norfolk.
Calshot	Southampton, Hants.
Donibristle	Fife, Scotland.
Felixstowe	Suffolk.
Gosport	near Portsmouth, Hants.
Lee-on-the-Solent	near Portsmouth, Hants.
Mount Batten	Plymouth.
Pembroke Dock	S. Wales.
Southampton	Hampshire.
Thornaby	Yorkshire.

TRAINING COMMAND.

Headquarters: Market Drayton, Shropshire.

Stations.	Locality.
Aldergrove (Armament Training Camp)	N. Ireland.
Altrincham (Equipment Depot)	Cheshire.
Brize Norton (2.F.T.S.)	near Orford.
Cardington (No. 1 Balloon Training Unit)	near Bedford.
Catfoss (A.T.C.)	Hull, Yorks.
Chilmark (Equipment Depot)	Salisbury, Wilts.
Cranwell (College, E. & W. S.)	Lincolnshire.
Eastchurch (Arm. School)	Sheerness, Kent.
Farnborough (R.A.E.)	Hampshire.
Halton (Apprentices' School)	Buckinghamshire.
Henlow (H.A.D.)	Bedfordshire.
Hullavington (3.F.T.S.)	Chippenham, Wilts.
Kidbrooke (Equipment Depot)	London, E.C.
Leuchars (1.F.T.S.)	Fife, Scotland.
Manston (Men's School)	Ramsgate, Kent.
Martlesham (Experimental)	Woodbridge, Suffolk.
Milton (Equipment Depot)	Didcot, Berks.
Montrose (8.F.T.S.)	Angus, Scotland.
Netheravon (6.F.T.S.)	Salisbury, Wilts.
North Coates Fitties (A.T.C.)	Lincolnshire.
Peterborough (7.F.T.S.)	Northamptonshire.
Penrhos (A.T.C.)	Pwllheli, N. Wales.
Rollestone Camp (Balloon Training)	Salisbury, Wilts.
Ruislip (Record Office)	Middlesex.
Sealand (5.F.T.S.)	Chester.
South Cerney (9.F.T.S.)	Cirencester, Gloucester.
Sutton Bridge (A.T.C.)	Wisbech, Cambs.
Tern Hill (10.F.T.S.)	Market Drayton, Shropshire.
Upavon (C.F.S.)	Marlborough, Wilts.
Uxbridge (R.A.F. Depot)	Middlesex.
West Drayton (Reception Depot)	Middlesex.
West Freugh (A.T.C.)	Wigtownshire, Scotland.
Wittering (11.F.T.S.)	nr. Stamford, Northants.

COMMANDS OVERSEAS.

ADEN COMMAND.

Headquarters: Steamer Point, Aden.

Stations.	Locality.
Aden	
Khormaksar	

FAR EAST COMMAND.

Headquarters: Singapore.

Stations.						Locality.
Seletar	...	...	...	...	...	Singapore.
Kai Tak	...	...	...	...	...	Hongkong.

ROYAL AIR FORCE, INDIA.

Headquarters: Simla, Punjab.

Stations.						Locality.
Ambala	...	...	...	...	...	N.W. Frontier.
Chaklala	...	...	...	...	...	N.W. Frontier.
Karachi (Depot)	...	...	...	...	...	Sind.
Kohat	...	...	...	...	...	N.W. Frontier.
Lahore (Aircraft Park)	...	...	...	...	...	Punjab.
Peshawar	...	...	...	...	...	N.W. Frontier.
Quetta	...	...	...	...	...	Baluchistan.
Risalpur	...	...	...	...	...	N.W. Frontier.

MEDITERRANEAN COMMAND.

Headquarters: Valetta, Malta.

Stations.						Locality.
Kalafrana	
Hal Far	
Valetta	

MIDDLE EAST COMMAND.

Headquarters: Cairo, Egypt.

Stations.						Locality.
Aboukir (Depot)	...	...	...	...	...	near Alexandria, Egypt.
Abu Sueir (4.F.T.S.)	...	...	...	...	...	near Ismailia, Egypt.
Amman	...	...	...	...	...	Transjordania.
Heliopolis	...	...	...	...	...	Cairo.
Helwan	...	...	...	...	...	Cairo.
Ismailia	...	...	...	...	...	Egypt.
Khartoum	...	...	...	...	...	Sudan.
Ma'an	...	...	...	...	...	Transjordania.
Nairobi	...	...	...	...	...	Kenya.
Ramleh	...	...	...	...	...	near Jerusalem, Palestine.
Sarafand	...	...	...	...	...	Palestine.

IRAQ COMMAND.

Headquarters: Hinaidi, Baghdad.

Stations.						Locality.
Basrah	...	...	...	...	...	Persian Gulf.
Dhibban	...	...	...	...	...	near Baghdad.
Hinaidi	...	...	...	...	...	Baghdad.
Ramadi	...	...	...	...	...	near Baghdad.
Shaibah	...	...	...	...	...	near Basrah.



*“News From
Overseas.”*

*News, articles, photographs and sketches will
always be welcomed from Overseas Stations.*

ADEN COMMAND.

Air Headquarters, Aden.

UNFORTUNATELY this contribution has to be sent away before the arrival of the first “boat,” which, at the time of writing, is on its way out, so we are unable to forward the names of the expected new personnel. However, from information received it is possible to enumerate those who are eagerly looking towards departing, subject to D3/'s, per H.T. “Somersetshire” on 19.11.37. These are:—

To U.K.—S/Ldr. B. G. Farrow, C.S.O., A.C.1. Davies (W.Optr.).

To M.E. Command.—L.A.C.s Curtis (W.O.M.), Riddiford (W.Optr.), Harcourt (W.Optr.), A.C.1. Jennings, (W.Optr.), A.C.1. Burrows (W.Optr.).

Our congratulations to S/Ldr. B. G. Farrow on his recent promotion and to L.A.C.s Curtis and Baxter (W.O.M.s) on their reclassification.

Whenever we are visited by H.M. Ships (particularly the infrequent visits of the Far East carriers and cruisers) we often see old familiar faces, and are very pleased to have our visitors up in the canteen where we can all exchange a story and sing a song. These impromptu entertainments are eagerly looked forward to and greatly appreciated by us all.

Sport.

Football has only just commenced after the brief respite due to the hot season. The section at the moment can only boast the services of Davies in the International Unit League team, but for friendly or "scruff" games frequently played amongst the Army, Navy and other Air Force units forming the garrison, the Section is invariably well represented.

Due in no small part to the efforts of S/Ldr. Farrow and A.C. Davies, Air Headquarters won the Command Inter-Unit tennis league cup.

A.C. Davies in winning the Command Other Ranks singles tournament crowns two seasons of all round sporting efforts and we hope the same success attends him in "Blighty."

Several members of the section, although not of league standard have made rapid progress during the last hot season with the racquet.

From the rapidly increasing demands on the courts it would appear that tennis will soon be one of the most popular games played in the Command.

In conclusion, to all readers of the Magazine and ex-Cranwellians we extend our cheeriest wishes for a Merry Xmas and a Happy New Year, and to the Magazine continued success throughout 1938.

A. B. & R.M.S.

INDIA COMMAND.

Ambala.

WE have been jolted out of our customary calm by your urgent demand. We yawn, we gape, and finally we murmur "Must we?" Yes, we know your reply to that, "Of course you must!" Then comes the rub, for what, oh what, are we to write about? Shall we be chatty or reminiscent, or shall we be like that "Admirable Crichton" of service men, our old friend D.R.O.'s, and give you in tabulated form the whys and wherefores of ex-Cranwellians here stationed in Ambala. But like Dickens' Uriah Heep we are very humble people, and so if by *chance* we do hide our light under a bushel, you must put it down to a very becoming modesty on our part; we attribute it to fear of that well known fruit the raspberry that other Squadron may see fit to present to us. *We* know we are good, which is all that matters.

Ebb and Flow.

Much water has flowed past Westminster since last we wrote to you from this Wireless Section. Many and numerous have been the changes, many ebbs and flows as it were.

Among the ebbs of this year we welcome to our bosom A/Sgt./Pd. J. H. Thomas from Shaibah, L.A.C. J. B. Lake and A.C.1. F.C. Hewitt, two distinguished

ex-apprentices. More recently we welcome amongst us A.C. F. Hanlin, A.C. G. S. Douglas, A.C. I. Ashton and A.C. C. Moss. Nevertheless, we must congratulate A.C.'s Douglas and Hanlin on their reclassification from A.C.2. to A.C.1. Incidentally, these aforesaid gentlemen are all anxious to become Air Gunners, and we would very much like to know if it is the intention of these chaps to rise high in the Service.

Successes.

Last March we said farewell with regret to the following members of this Section who left us for the United Kingdom:—Cpl. Brinsley, Cpl. Root, Cpl. F. G. Smith, Cpl. H. Streeter, L.A.C. Palmer, our popular "Wimsey," L.A.C. Hehir (Paddy), A.C. F. Delgaty, A.C. J. Tout. We wish them the best of luck in their new units. We are glad to report several promotions which have taken place since the beginning of the year, namely, L.A.C. C. Wilson, L.A.C. A. Wright, L.A.C. Sheppeck and L.A.C. H. L. E. Watson, all to the rank of Corporal. We are now wondering whether the brakes of the promotion machine have failed. We hope so anyway. Besides the reclassifications already mentioned we record also that A.C. J. Green, A.C. H. Mason and A.C. J. B. Lake were successful in reclassifying from A.C.1. to L.A.C. Well done you say? Thanks!

In April last we journeyed to Manzai, on the North West Frontier of India. We are quite prepared to inform other Signal Sections where this is if they are anxious to know. As to what we did up there, well, we functioned; modesty forbids any further lurid details, or is it fear of rude remarks?

Nemo mortalium Horis Sapit, or in other words Quicquid Agas Age. We returned from Manzai in July after the operations had cooled down a bit, but the Station band did not play "See the conquering heroes come," so now we are sulking. We are proud of the fact that two of our members, viz., A.C.1. W. Markham and A.C.1. J. Allen, were well in the front line of fire with their R/T tender, and were often under fire.

In the Flights we report that Cpl. F. Hugil dots his dashes for "C" Flight, A.C. A. Newman and A.C. N. Madkins for "B" Flight, A.C. C. Cansdale and A.C. F. Hanlin for "A" Flight.

We are glad to welcome to our society A.C. A. N. Newman, who although not an ex-Cranwellian, has joined our humble trade of W/Operator by his own efforts.

Sport.

Sport comes next, I think, don't you? This, as usual, took place mostly at the K.A.F. Hill Depôt, Lower Topa. The Signals took their full share in football, hockey and athletics. L.A.C. J. Green ran second, despite a large field, in the annual three miles road race. Not much competitive sport takes place in the Squadron, due to our mobility in the Winter season, but inter-Section games of soccer and hockey are played with much gusto. We are glad to say that the "Queens" maintain their "Kingship" on the "Courts," A.C.1. F. C.

Hewitt being chief "Champion" for us. Much shooting is enjoyed by several members of this Section. Shikaris are arranged and good sport obtained. Among these hardened hunters the name of Cpl. C. Wilson stands foremost; he has many heads of buck and chingkara to his credit. He shot a very fine bear in Kashmir once, or did he buy it, we never did find out.

Good Wishes.

Words in passing are that F/Lt. G. B. Hughes is our Signals Officer. Ex-Cranwellians will, I think, remember him well. F/Lt. A. M. Rodgers was our chief for a time until he left us for Karachi. We all wish him well in his new Unit, also F/Lt. Crisham, another ex-Signals Officer of ours.

Talking of ex-es it looks as if we shall be losing some of our old members this trooping season. The P.W.R. warns us that we must be prepared to lose the following:—Cpl. C. Wilson, Cpl. F. Hugill, Cpl. L. Nicholls, Cpl. L. Kelly, Cpl. F. A. Short, L.A.C. A. Pring, L.A.C. H. Mason, A.C.1. A. Newman, A.C.1. R. Howes. They are now busily counting the D.T.G. We shall be very sorry to lose them, but glad that their time has come to go.

Our busy season is approaching with the coming of Winter, and soon we shall be K Tosing, Hello Pipping and generally amusing ourselves on manoeuvres.

I think this is all that I can tell you from our corner of the globe, so now nothing remains but to send via the Magazine our best wishes to all old twenty-eighters of the Wireless Clan, and to all ex-Cranwellians.

So for Auld Lang Syne,

We remain,

Signals of 28 (A.C.) Sqdn.,
Ambala.

IRAQ COMMAND.

Main W/T Station, Hinaidi.

Movements.

Heartiest congratulations to L.A.C. Rowney, who returned to England on 30.6.37 to undergo a pilot's course.

A/Cpl. Woolley and L.A.C. Cordle were members of the desert survey party of last season.

Several members of the Unit visited the "Land of the Bible." The adventures related by these returning pilgrims should further the popularity of future trips and we advise all prospective overseas personnel to take advantage of them should they be posted to Iraq.

Promotions.

We congratulate W. O. Tibbey on his recent promotion and wish him every success at his new unit.

The following reclassifications have been effected:—

A.C. Tovey to L.A.C. A.C. Lawley to A.C.1. A.C. Jackson to A.C.1. A.C. Hazlitt to A.C.1. A.C. Oakes to A.C.1. A.C. Joyce to A.C.1.

Sport.

Cricket.

Our own cricket team played very few matches, owing to pressure of work and the difficulties arising in connection with watch reliefs. However, through the Commanding Officer, we were able to enjoy a number of matches with the Casuals Club of Baghdad, although in the majority of cases our cricketers assisted the A.H.Q. team. Sergt. Reynolds has been a regular player this season.

Swimming.

Here again we were entered with A.H.Q. and L.A.C. Deverill was a regular player in the polo team. He was selected for the Command team on their recent visit to Egypt.

Tennis.

Although this year's tennis has been considerably inconvenienced by the move of units to Dhibban, we found we were unable to cope with the brilliant play shown by the Levies and W. and B. Department, and were content to hold eighth position in the League.

The Depot, Dhibban.

OWING to the change-over from Hinaidi to Dhibban being in such close proximity to the '36-37 trooping season, a contribution from the Depot was unfortunately omitted in the last number. However, the following details of the Depot and its personnel will, we hope, make good that omission.

Our congratulations go to W.O. Hurst, who was promoted from F/Sergt. shortly after arrival here, and who is a well-known Ewsian; to Sgt. Woolcott, who ably carried on in charge of the Depot between the departure of W.O. Woods, and the arrival of W.O. Hurst, and who has subsequently had his rank confirmed, and to Cpl. Flake, who recently got his "tapes." We also extend our best wishes to L.A.C.'s Hurrell and Moulton, who left early in the season for training as airmen pilots.

Personnel.

Remaining in Iraq.

W.O.M.s.—W.O. Hurst, Cpl. MacDermott, L.A.C.s Bean, Bibby, Fletcher, Frazer, Henderson, Johnstone, Patterson, Reeve, Thompson, Tippet, A.C.'s Armer and Shaw.

W. Ops.—L.A.C. Reading, A.C.s Ball, Barrand, Brien, Butler, Jeffreys, McCue, Somes, Owen.

Inst. Mkrs.—Sgt. Phillips, Cpls. Atkins, Flake, L.A.C.'s Crehan, Woods.

U.K.

W.O.M.—Sgt. Woolcot.

India.

W.O.M.s.—L.A.C.s Durling, Turner, Brierley.

W.Ops.—A.C.s Cann, Harper.

Inst. Mkrs.—L.A.C.s Eyles, Fisher.

As it takes a little while to settle down in an entirely new camp, and as there are so many names in the above list, we will conclude with the promise that now the "ice is broken" we will continue to send a modest contribution to each and every future number of your splendid Magazine.

P. C. M.

No. 30 (B) Squadron, Dhibban.

WITH the arrival of No. 55 Squadron, and with No. 70 Squadron in the process of moving in, we can feel the weight of our pioneer move of twelve months ago.

Although the various messes and places of gathering for the lads are rather overcrowded, the monotony has been broken to some extent by the many new faces, and, of course, by that "Boat Feeling" that folk talk about.

As yet "Main Wireless" is still on paper, and the Station traffic is ably handled by the old Section, at present under the supervision of Sergeant Beard.

Lake Habbaniyah has proved a boon to everyone throughout the summer. Well laden lorries run there every afternoon, and although it's hardly a Lido as Lidos go, a good time is had by all despite the rather unpleasant taste of the water. But, as someone remarked, "one goes there to swim."

Three very interesting trips have been carried out by the Squadron since the last issue. "A" Flight spent an enjoyable time in Palestine; "B" Flight crossed the well-worn route to Egypt; and "C" Flight broke away from the normal to visit Syria, where they were made most welcome by the personnel of the French Air Force. In all cases the W/T. coped steadily.

Postings.

Good luck and congratulations to Sergeants Alexander and Ashfield on their postings home by P. & O. last August. We regret, however, that the former snooped away without producing his oft-promised article, but we hope he will engineer a few spare moments away from the attractions of "Blighty" in order to rectify that omission.

F/Sgt. Chamberlain, our recent representative and N.C.O. i/c, has just left us for Shaibah, and we wish him all the best there.

Sgt. Herridge, who left us some time ago for Hinaidi, is back here again with the Aircraft Depôt. Second tour at Dhibban!

We shall be sorry to lose Corporal Pickworth, who leaves us shortly on posting to Basrah for duty at Muscat.

Promotions.

We heartily congratulate Sergeants Beard and Gilholme on their promotions, and the following:—

A.C.2. to A.C.1.

517707. A.C. Carrie.

517902 A.C. Peachey.

522412. A.C. Ealey.

A.C.1. to L.A.C.

518103. A.C. Wilson.

565604. A.C. Hamar.

565957. A.C. Ratlidge.

517914 A.C. Memory.

517891. A.C. McCormick.

522363. A.C. Epps.

566022. A.C. Graddon.

566006 A.C. Evans.

“ P.”

Sport.

During the past season the section has been well represented in tennis, cricket and swimming.

L.A.C. Hamar and L.A.C. Hall were regular members of the Squadron 1st XI, which has reached the final of the Command Cricket Cup.

In the inter-squadron water polo league, Sergeant Parkes and L.A.C.s Miller, Evans and Ratlidge were regular players. The matches were played in the Lake.

L.A.C. Ratlidge was a member of the Command Swimming Team for its tour in Middle East, where Iraq defeated the Middle East team by 44 points to 38 points. In the other fixtures of the tour, Iraq won the relay race against the Heliopolis Sporting Club, but lost the water polo match. Swimming in a choppy sea at Aboukir, the Depôt won a closely contested match. The team was also defeated, but not disgraced, in a match with the Greek Club, a team composed of members of international standard.

Winter games have begun here, although difficulty is being experienced due to a shortage of playing fields. The Section is represented in both elevens by Sergeant Parkes and L.A.C.s Miller, Hamar, Hall, Ratlidge and Wilson.

Entertainments.

The entertainments in the Squadron are strongly supported by the Section. The dance band, a very popular innovation, is led by A.C. Wilson, while the dramatic society is greatly aided by the efforts of L.A.C.'s Miller, Hall and Ratlidge and A.C. Mundy.

G. W. R.

Shaibah.

AFTER an absence of a year, Shaibah contributes an article on things generally in the Southern Desert. No excuse is offered for the lapse, but failure to remember dates might possibly be the cause.

Changes have been many here at "84," some good, others not so good. It is entirely a matter of opinion.

Buildings have sprung up, newly made roads are plentiful, and avenues of trees lend the Camp a civilized aspect. The trees hardly make avenues yet, but perhaps in twenty years . . .

Personnel.

F/Lt. Charles has left on posting to A.H.Q. and his successor is F/Lt. (now S/Ldr.) Kinsey. We hasten to congratulate the latter Officer on his promotion, and express the hope that this will not be the reason or means of our losing him yet awhile.

Other promotions in the Section during the season are as follows:—

F/Sgt. Earl to Warrant Officer.

Cpls. O'Leary and Rose to Sergeant.

It is with the deepest regret we have to announce the death of A.C.1. Kemm. He passed away on 10th August, 1937, following an attack of malaria. A more popular and cheerful figure would be hard to find, and his demise has created a gap that cannot be filled. It is with great feeling that we extend our sympathy to his next of kin.

Other vacancies have been made by the following postings during the season:—

W.O. Earl to Middle East.

Sgt. O'Leary to U.K.

L.A.C. Sadler to U.K. for a Pilot's Course.

L.A.C. Lindon and A.C. Castle to 203 Squadron for duties at Muscat.

A.C. Hemmings to U.K.

Our best wishes go with them.

A.C. Stephenson is in dock at B.G.H. following a crash at Sulman on Friday, the 13th August. Despite a broken ankle, we are pleased to report highly satisfactory progress.

General.

Those "ex-Shaibahites" who are now scattered elsewhere, will be gratified to learn that the long deferred building of a new Transmitting Station is at last a certainty. The site has been selected, and building operations are expected in the near future.

Unfortunately, at the time of going to press, no boat list has materialised, and we are therefore unable to publish the latest postings.

In conclusion, we wish to extend our heartiest greetings for Christmas and the New Year to all W/T personnel at home and abroad.

Basra.

BY the time that this edition is published farewells will have been made to Sergeants Locke and Mountford, Corporal Vought, L.A.C. Jones, A.C.s Ascough, Bagge, Dodimead and McDonald, and welcomes extended to their reliefs. It would be tempting fate to state the destinations of those departing because "add and delete" is still active and upsets many "cert U.K.'s."

Sports have been rather disorganised this year through the Command due to the change over from Hinaidi to Dhibban; local games have been arranged to meet requirements. The Navy are regular visitors and competition with them is keen if sometimes a little one-sided on account of their small numbers.

Basrah has enjoyed a record mild summer with no "date winds," temperatures above 110° being more the exception than the rule.

MIDDLE EAST COMMAND.

Aboukir.

Promotions.

Congratulations to the following on their promotions:—

W/O Urquhart, F/Sgt. Butcher, Cpls. Laing, Hale, Tillyard, Stocks, Elkins, Foxton and Moth, and to L.A.C. Woodcock who, we hear, is doing well on his Pilot's Course in U.K.

Arrivals and Departures.

Arrivals.—From Singapore: Cpl. Moth and L.A.C. Mathews. The latter was recently posted to U.K. for a Pilot's Course. L.A.C. Perry (since posted to Ismalia). From Ismalia, Cpls. Stocks, Elkins.

Departures.—L.A.C. Woodcock to U.K. for Pilot's Course, Sgt. Roe to Nairobi, L.A.C. Latham to U.K., A. C. Froud to Nairobi.

H.E.T., 1937.

The following took the Higher Education Test on 4th May, 1937, with results shown:—

Part 1.

565389 L.A.C. W.O.M. Pott, "A."

565641 L.A.C. W.O.M. Mitchell, "B."

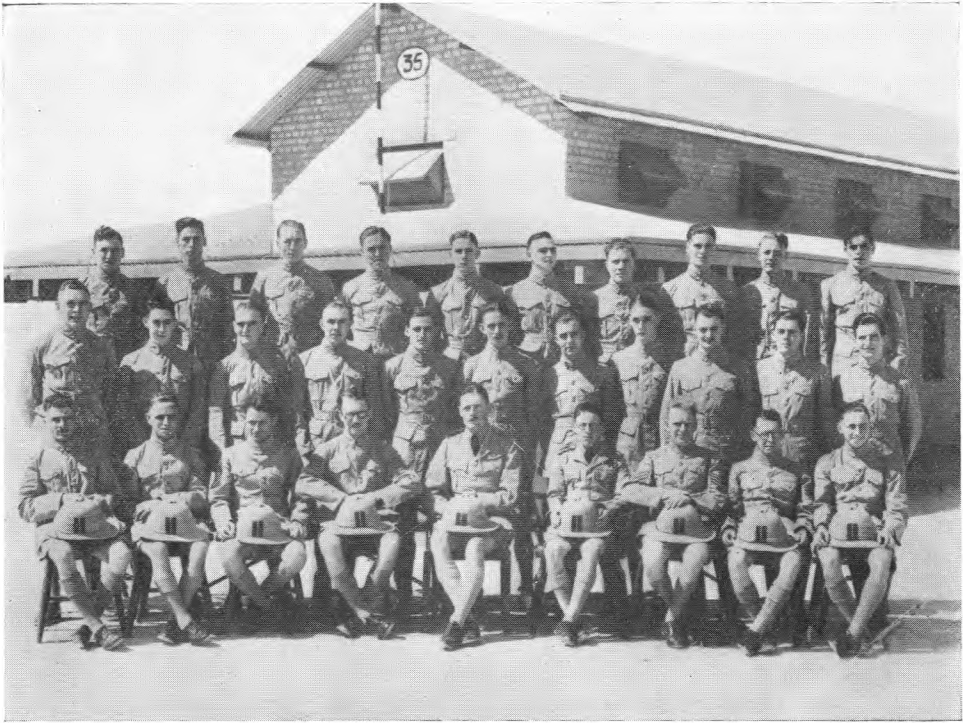
561310 Cpl. W.O.M. Moth, "B."

Part 2 Group 2.

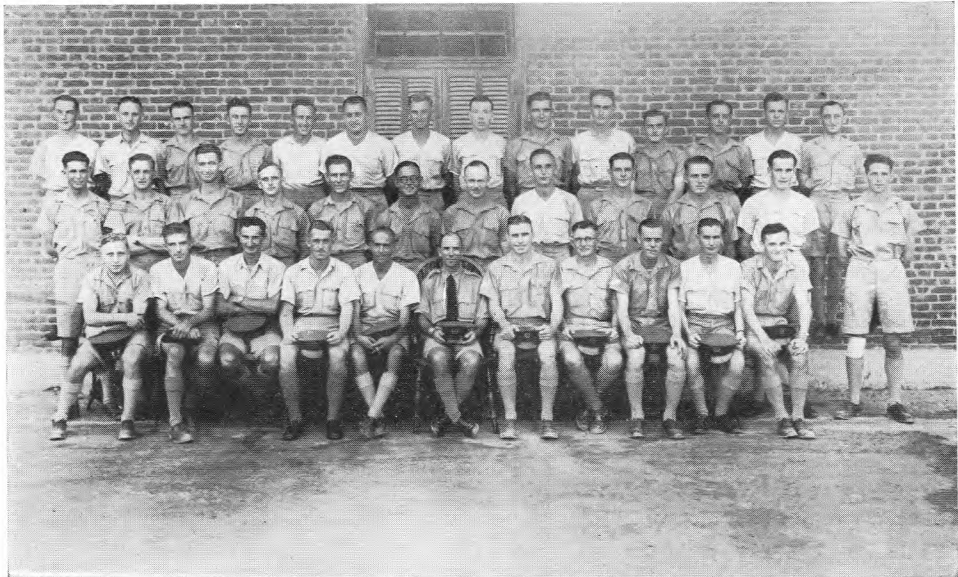
564428 L.A.C. Elect. White, "B."

Part 3 Group 3.

563696 Cpl. W.O.M. Tillyard, "A."



84 AND SHAIBAH MAIN W/T.



INSTRUMENT REPAIR FLIGHT, R.A.F. DEPOT, ABOUKIR.

Back Row.—L.A.C.'s Potter, Harwood, James, Mitchell, Neill, Rymills, Bartholomew, A.C. Burdett, L.A.C.'s Gunn, Hill, Jenkins, Tull (Storekeeper), White, Linas.

Middle Row.—L.A.C.'s Cook, Sinclair, Pott, A.C. White, L.A.C.'s Claxton, Frost, Treloar, Latham, Carter, A.C.'s Winterbottam, Bulpin, Davies.

Seated.—Cpls. Hale, Laing, Murphy, Sgt. le Grange, F/Sgt. Butcher, W/O Urquhart, F/Sgt. Pimm, Sgt. Finness, Cpls. Moth, Mowbray, Tillyard.



NELSON ISLAND REST CAMP (Near Alexandria).

Ex E.W.Sonians.

Signals.—W.O.M.s.—L.A.C. Heritage, A.C. Bulpin. W.Ops.—Cpl. Evans, L.A.C.s Lambert, Savage, A.C.s Winterbottom, Towner, Tiffany, Higgins.

Instrument Repair Flight.

W.O.M.s.—Cpls. North, Mowbray, Tillyard, L.A.C.s Hill, Mitchell, Pott, Edmunds, Treloar, A.C. Simmens, Davies.

Electricians.—W/O. Urquhart, F/Sgt. Pimm, Cpls. Laing, Hale, Murphy, L.A.C.s Bartholomew, Gunn, Cook, Harwood, James, Jenkins, Lucas, Latham, Neill, Sinclair, White (428), A.C. White (470).

Instrument Makers.—F/Sgt. Butcher, Sgt. Finnity, L.A.C.s Claxton, Carter, Sharpe, Rymills, Frost, A.C. Burdett.

“ A ” Squadron.—W.O.M., L.A.C. Buxton; Electricians, Cpls. Foxton, Stocks, Elkins, Lilywhite, L.A.C. Miles.

Sport.

Football and Cricket Notes.

The outstanding feature of the summer season was the selection of L.A.C. Cook (ex E.W.S.) and Cpl. Gibbs to represent the Royal Air Force in the annual inter-Services cricket match. “ B1 ” Squadron, composed mostly of ex-E.W.S. men, carried off the Middle East Inter Unit Cricket Shield, and the following have played in the Depôt teams:—Cook and White (428) in cricket, White (470) and White (428) in soccer, F/Sgts. Haines and Davis in rugger.

Boat Club.

Formed in 1926 the R.A.F. Aboukir Boat Club started with a nondescript class of boat. During the close season 1936-37, a new class of dinghy, the 12-foot National, was built by members. Ten boats were launched and immediately the other sailing clubs of Egypt were interested. Team races were organised against the Royal Yacht Club of Egypt, British Boating Club, Cairo Sailing Club and Abu Sueir Yacht Club, as well as various contests for cups presented by the residents of Alexandria. Thus, the Depôt Boating Club has become quite well known in yachting circles.

The following Ewsians are hard-working members of the Club: Corporal Laing is the energetic hon. secretary with L.A.C.s Claxton, Mitchell and Gunn on the Committee.

The Club is situated on Eastern Bay (Rosetta Bay). Five miles to sea is Nelson Island, where, during the summer months, many members take their leave. A photograph of the rest camp suggests a very pleasant holiday.

The Aboukir Tennis Club.

The Aboukir Tennis Club is open to all junior N.C.O.'s and airmen at the Depôt and is administered by a Committee of Airmen. Several past members of the E. & W. School are keen players, while Corporal Hayle is the Club's popular and of necessity energetic Hon. Secretary.

The Club possesses a very good club house which has its own bar. Camp water and electric light are laid on. In addition to tennis the members run a good Indoor Games Team in the Depôt League. In Egypt tennis is a very popular sport and during the past season matches were played against most of the Alexandria clubs, as well as against Army units stationed in the district.

In addition to these matches there are several valuable trophies played for during each season. The standard of play is high, for the game can be enjoyed for at least ten months of the year.

In the Middle East Inter Unit Tennis Cup Competition, the Depôt B.1 Squadron, for which Corporal Murphy and L.A.C. Treloar played, reached the final.

Swimming.

The Depôt enjoyed a very full season with at least two water polo matches each week against the best civilian teams in Alexandria.

Of the four Squadron teams, " B1 " was the most outstanding, winning five out of the six team trophies at the Depôt Annual Swimming Sports and narrowly losing the final place to H.Q.M.E. in the Middle East Inter Unit Swimming Championship.

The Open Sea Swim was contested by about 200 swimmers one perfect Sunday morning. More than 95 per cent. finished the 1,000 yards course within the time limit. In this event " B1 " carried off the team prize and later in the season won the Depôt Water Polo Knock-out Competition.

Unfortunately we lost one of our finest polo players, Sergeant Roe (ex Flower-down), who was posted to Nairobi towards the close of the season. Two other Ewsians who contributed largely to the Depôt and " B1 " Squadron successes are P/Sgt. Haines and L.A.C. Sinclair.

Helwan.

HELWAN is a little town, once a popular Egyptian winter resort, about twenty miles south of Cairo. It lies some two miles from the Nile on the East bank. The camp is between river and town. If you have not heard of us before it is because of rumours of wars and training cruises, and the consequent movement of men to the Western Desert, Palestine and even down to India.

Personnel.

W.O.M.s.—Sgt. J. Bassford, Cpl. J. C. James, L.A.C.s Charnley, Jackson, R. Kay, J. Potter, J. R. Wiles.

W/Ops.—Cpls. G. K. Hayden, S. Newman, S. Patient, L.A.C.s A. I. Cunningham, J. Marshal, R. Wolton, A.C.1.'s G. Hudd, Hudspeth, J. Vickers.

Electricians.—Sgt. F. Crook, Cpl. Standen, L.A.C. Berry, and Sgt. W. Blowers (he got a Coronation Medal this year), who stays while others come and go.

We wish our comrades (past, present and to come) *The Season's Greetings* and may you, Mr. Editor, and our Magazine prosper.

Social Activities.

If some old Helwansian sees this let him know that besides new hangar, stores, etc., there is an open-air cinema, built between the Canteen and O.R., where one may drink the best beer and see the best films in Cairo. On its tiled floor we dance at times(Kay, Wolton and Berry see that the works keep turning). At concerts Hayden's songs are appreciated.

There is now a Photo Club, the child of Wolton, James, Kay & Co. Born small in the old Camera Obs. Hut, it has grown into a Squadron " Do ", and thanks to the C.O., now lives in the old Photo Section buildings.

At football Standen, Hayden, and Marshall (goal) are in the Squadron XI; Wolton and Hudd may soon be there. Potter takes a turn at rugger, while Hudspeth handles the tennis racket.

Most of the W/Ops., including the Corporals, have put in for the new W.O.M. courses and some of them may be home for Christmas. Sgt. Bassford, Sgt. Crook, Cpl. James and L.A.C. Potter are due home early this season. W/O Nicol, who took W/O MacLaren's place, has gone to Amman; Cunningham is now on posting to Depôt M.E.

Main W/T Station, Ismailia.

" High Power Wireless Station." The very name sounds awe inspiring, but to past and present members it only marks a very pleasant billet indeed. While not offering the social amenities of some stations in the Command it more than compensates for this by its comfort. The efforts of the commanding officer, S/Ldr. Rose, the N.C.O.'s and men themselves have combined to make the station a very attractive one for an operator. As it is the Control for the Command, newcomers can expect a great deal of experience. Incidentally, as the trooping season is here we hope to be seeing some old friends and welcoming some new. Those coming fresh from " Blighty " will find plenty to interest them both technically and in a private capacity. The Suez Canal being within a few miles can always provide an interesting spectacle and good swimming all the year round.

The past few months have been interesting from the point of view of work owing to the various aircraft cruises which take place in this part of the world. The majority, if not all, of these cruises have to be worked from Ismailia. In some ways our position is that of a silent service, because we get a lot of hard work out of these trips without the attendant stories and excitements.

Sport.

As in previous years, the Wireless Station, despite its small numbers, more than held its own in Station and Garrison sports.

Tennis.

Cpl. Squirrel and L.A.C. Kelly won the Station Open Doubles Championship, while Sgt. Armstrong (ex-Khartoum) was runner-up in the Station Singles Handicap. A.C. Seyde and A.C. Doherty won the Station Handicap Doubles Tournament, and, as newcomers, are particularly to be congratulated on this fine achievement.

Football.

This season the Wireless Station rejoices in its strongest football team for several seasons. The team was only beaten by a combined station team by 3 goals to 1. Our veteran, L.A.C. Gordon, is captain of the R.A.F. Ismailia football team and A.C.s Glover and Griesel also have places in the team.

Spinney Wood (the Transmitting End) look forward with trepidation to the Annual Christmas Derby between the Receiving and Transmitting Ends, as the departure of Mr. Lindsay has robbed them of the mainstay of their team.

Cricket.

As in all sports, the Unit was well represented in the Station Team, L.A.C. Coles, A.C. Clover and L.A.C. Doherty being particularly valuable members. L.A.C.s Coles and Clover recently had trials for the Middle East Command team.

Darts.

The most important sporting and social event of the year proved a walk-over for the Receiving Station—possibly due to the hospitality extended to the visiting team.

Boating.

Considerable enthusiasm has developed in the Section for dinghy sailing, and we are always honourably represented in the Garrison Regattas.

A general reconnaissance of Lake Timsah was carried out by the whole Station, during a well organised outing in four Bordeaux, headed by our able chef " Jock " Stewart. A highly dutiable " cargo " was carried between hatches and the " empties " still repose in the lake.

Personnel.

The present personnel are as follows:—

Officer Commanding, S/Ldr. J. W. Rose, D.S.M.

Receiving Station.

N.C.O.s.—F/Sgt. Standing, Sgt. Reese, Sgt. Armstrong, Cpl. Hayles, Cpl. Lewis.

A.C.s.—L.A.C.s Algie, Bird, Cunliffe, Dowling, Frampton, Fluke, Goodman, Clark, Gordon, Higgins, Horton, Kelly, Martin, Marshall, Nelson, Price, Stewart, Shore, Thompson, Williams, A.C.1.'s Calvert, Clover, Cameron, Cosham, Cox, Davy, Doherty, De Beer, Gardiner, Griesel, Jack, Miller, Moore, Prentice, Seyde, Tatem.

Transmitting Station.

N.C.O.s.—Sgt. Molyneux, Cpl. Shepherd, Cpl. McIntyre, Cpl. Squirrell, Cpl. Hobbs, Cpl. Charters.

A.C.s.—L.A.C.s Bromley, Gibb, Goodwin, Norris, Osborne, Coles, A.C.1.s Barker, Wyles.

Transfers.

We shall be losing F/Sgt. Standing after two pleasant years in charge of the Receiving Station; pleasant for us, that is, and we feel sure that he reciprocates the feeling.

The following Airmen are fortunate enough to be bound for U.K. before next summer and will carry with them our best wishes for the future.

F/Sgt. Standing, Sgt. Armstrong, Cpl. Hayles, Cpl. Lewis, L.A.C.s Bird, Cunliffe, Clark, Gordon, Horton, Kelly, Martin, Marshall, Price, Stewart, Shore, Williams, A.C.1. Calvert, Davy, Griesel, Jack, Sgt. Molyneux, Cpl. Shepherd, Cpl. McIntyre.

Although rejoicing at his good fortune in taking a commission, it was with deep and sincere regret that we said " Goodbye " to Mr. Lindsay on his return to U.K. Whilst the whole Wireless Station feels the loss, it was particularly acute at Spinney Wood, their feelings being easily understandable by anyone who has had the pleasure of working under him.

Mr. Gough succeeded him in charge of Spinney Wood, but his stay was only a brief one. Nevertheless he became so liked and respected that news of his tragic accident came as a great and sad shock to us all, and we beg to offer the Wireless Station's sincere and heartfelt sympathies to Mrs. Gough and her daughter.

Old Ismailians.

We should like once more to draw attention to the Old Ismailians' Association—an " Old Comrades' " Society which was formed with the intention of keeping ex-members of the station in contact after their return to U.K. The Association is not receiving all the support it should and we earnestly urge that all our old friends and predecessors will get into touch with the secretary, Mr. F. S. Adams, " Chippenham," Eastern Avenue, Southend-on-Sea, or else with the local representative at Ismailia. The annual re-union dinner is to be held early in February next year and full details may be obtained from the secretary. We look forward to a really good attendance and a convivial evening.

COMPETITIONS

THIS is the second time a competition section has appeared in this magazine.

Many of our readers have expressed their appreciation of this innovation, and this together with the number of solutions received has led us to the conclusion that it is proving a very popular feature. As before, readers are invited to send in solutions of Problems No. 2, No. 4 and No. 6. For each of these a prize of ten shillings is offered for the best correct solution received. The decision of the Editor must, of course, be accepted as final in this respect.

Solutions must be received by January 14th, 1938 and should be addressed to :—

Competitions Editor,
Electrical and Wireless School Magazine,
R.A.F. Cranwell, Lincs.

The names of prize winners and the solutions of all the problems in this section will appear in the next issue of this Magazine.

PROBLEM I.

THERE is no prize for this one, not even one of the cigars.

Find the price of cigars if you have to pay for four dozen as many shillings as you can buy cigars for 12/-.

PROBLEM II.

You probably found the last puzzle easy enough. If you find this just as easy, let us have your solution, and if you are lucky enough to win the prize of 10/- we are offering, you may be able to try a practical demonstration of problem I.

The figure on the next page contains a very large number of triangles of different sizes. How many can you find in all?

PROBLEM III.

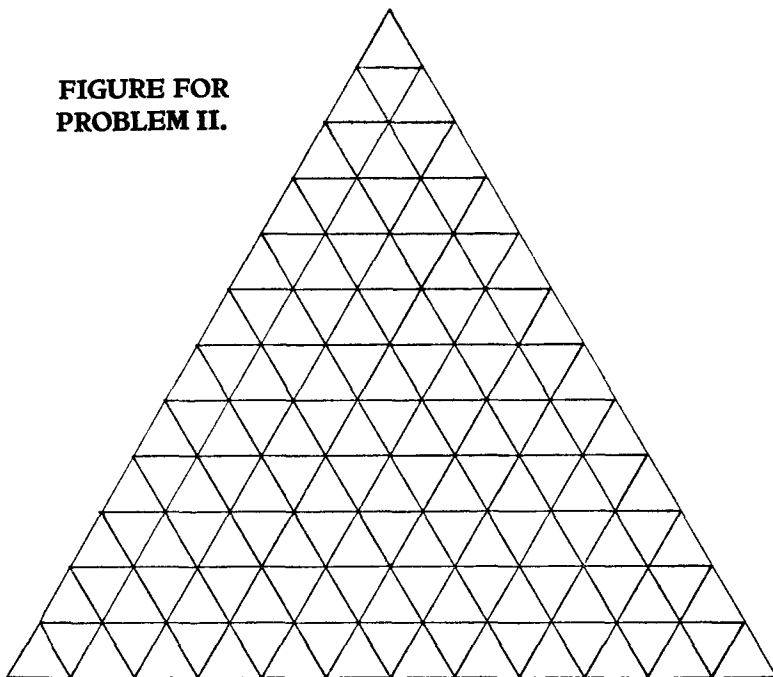
Do you form your figures carefully? Try writing down the figures from 1 to 9, omitting 8, thus :

1 2 3 4 5 6 7 9.

Select the most badly formed figure and multiply it by 9. Use this result to multiply the above number. Your answer should give you plenty of practice in forming that badly written figure.

The problem is to explain why you get this peculiar result every time.

**FIGURE FOR
PROBLEM II.**



PROBLEM IV.

Here's a chance to exercise your detective abilities and win a prize.

You have probably never heard of the murder of the wealthy bachelor, Sir Egbert Dunne Brown on the lawn of his country mansion on the eve of his marriage to the popular American actress Miss Una Howe. This case was successfully solved by Detective Inspector Sleuth, from whose notes of the case we print an extract and a sketch below.

Sir Egbert was shot through the heart in the grounds of his house sometime between 3 p.m. (when he was seen walking out of the house reading a newspaper) and 4.30 p.m. when his body was discovered by the servant who went to inform him that tea was ready. One of the following five persons committed the crime:—

Mr. Otto B. Dunne Brown. Nephew and only heir of Sir Egbert, but who would not inherit the fortune if his uncle married. Recently returned from Australia. Lost left arm in the War. 42 years of age. Height 5ft 10in.

Mr. E. Donagh Howe. Father of Miss Una Howe. Did not approve of the marriage and known to have said he would do anything to prevent it. Left leg two inches shorter than right leg as result of a flying accident. Had been in England for ten months. 52 years of age. Height 5ft. 7in.

Mr. Jack Green. A former fiancé of Miss Una Howe who is still in love with her. Had come from America and had been in England for 10 days. A famous left-handed baseball player. 27 years of age. Height 5ft. 11in.

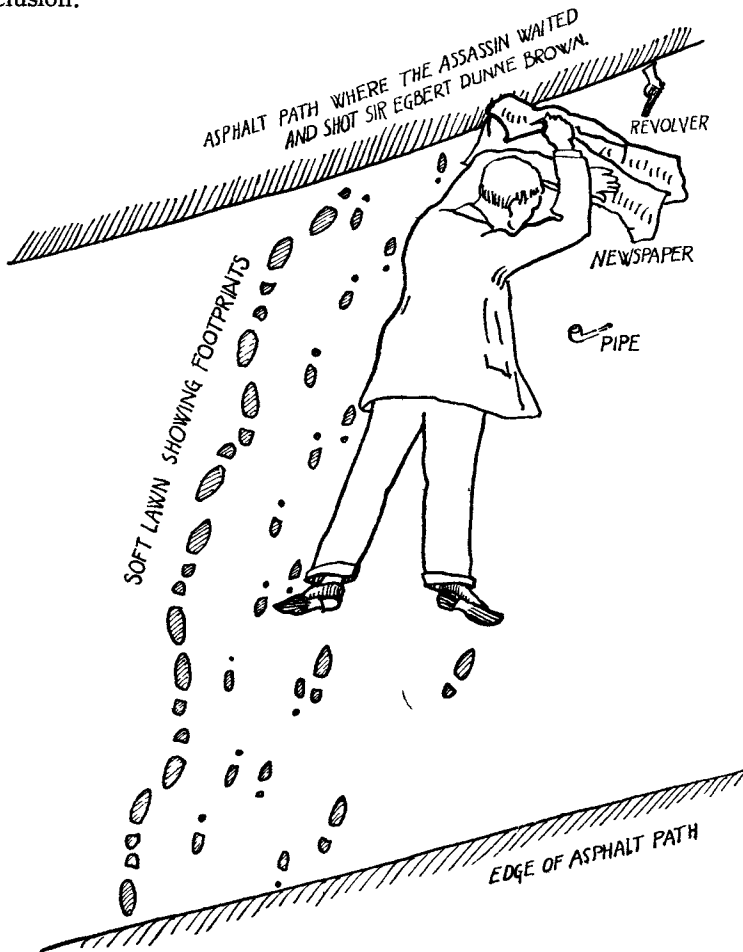
Dr. B. Black. A distant relative of Sir Egbert. Was to receive £10,000 by the

will which Sir Egbert was now about to alter in favour of his future wife. Had made a special study of Toxicology. Well known as a lawn tennis player. 38 years of age. Height 5ft. 8in.

Major Turnham-Grey. A retired cavalry officer. Still does a great deal of riding. Had spent much time in India. Owed Sir Egbert £500 which he had no hope of repaying without selling his horses. 54 years of age. Height 5ft. 9in.

The sketch shows the position in which the body was found on the lawn, together with the footprints of the person who committed the crime, as well as those of the servant who found, but did not touch, the body of the murdered man. The assassin walked naturally and used no form of disguise.

A study of these facts and the diagram should enable you to state which of the above five persons committed the murder—that is if you have sufficient detective ability. Your solution should be accompanied by arguments supporting your conclusion.



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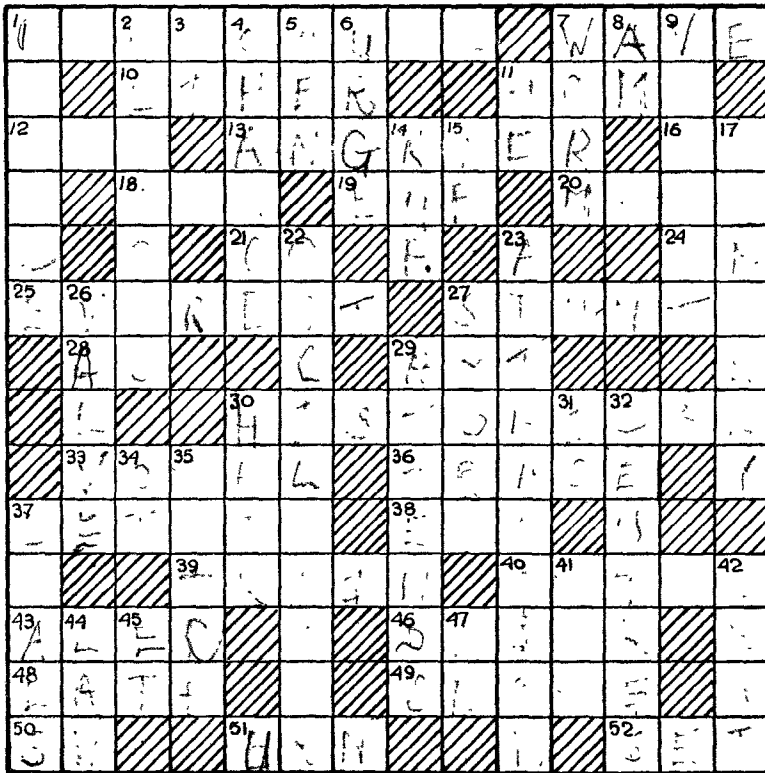
PROBLEM V.

You may be glad of this problem as a little relaxation after your detective efforts.

Construct a square. Now cut it into six pieces which can be rearranged to form three equal squares.

PROBLEM VI.

You are invited to send in your solution of this crossword puzzle, for which a prize of ten shillings is offered. Fill in your name and address in the space provided, cut out the form and address your envelope to the Competitions Editor.



No. 57237. Rank..... Name.....

Address.....

.....

Clues.

Across.

1. This ought to let you down lightly.
7. A succession of ups and downs.
10. One sort may deprive you of your senses.
11. Often termed sweet.
12. Wherein you find the boys in blue.
13. We trust this puzzle doesn't make you
—than the last one.
16. Source of 19 across.
18. Vessel.
19. A driving force.
20. To remain at rest no longer.
21. Business group.
24. Still appears on stamps.
25. Unattained pinnacle of ambition.
27. If he behaves thus he is sure to attract
attention.
28. Indicates similarity.
29. Just the word.
30. Associated with past happenings.
33. Most frequent means of communication.
36. Copy.
37. This is of little consequence.
38. And others as well.
39. You came to Cranwell to this.
40. The whole lot.
43. A great leader might have been called this.
46. Less humid.
48. Slimming is unnecessary for those who
may be compared with this.
49. Indicates complete lack of interest in his
surroundings.
50. Compass bearing.
51. A vessel.
54. This is the wireless operator's most im-
portant piece of apparatus.

Down.

1. An important feature of service life.
2. Disagrees.
3. In that place.
4. Risk this opportunity.
5. Female of a species.
6. Press.
7. It has been known to turn.
8. Not after lunch.
9. Material.
11. Less than 5 down but nevertheless male.
14. Ammeters sometimes show these values.
15. Implies possibility.
17. Without unnecessary 37 across.
22. This arrangement may be used to set up 7
across.
23. They may experience this though poles
apart.
26. There's one way traffic through it.
27. This is most in prominence at the week
end.
29. Waits upon.
30. Its breadth indicates a narrow shave.
31. Implies responsibility.
32. In the middle of things.
34. A work of great antiquity.
35. Make sure this puzzle doesn't contain one.
37. He does this in order to obtain his re-
quirements.
41. Poetically above.
42. No longer in one's own custody.
44. It is an offence to defy this.
45. Found on the Royal Coat of Arms.
47. One of the Services.

Solutions to Problems in the last Number.

Problem 1.

The aeroplane travelled around the quadrant of a circle having the tower as centre. From its speed and the time taken it follows that its distance from the tower must have been $3\frac{1}{2}$ miles.

Problem 2.

Several correct solutions of this problem were received, the best coming from 537890 A.C. Asblin, No. 1 Wing, to whom the prize of ten shillings has been awarded. The key to the first cypher is as follows, the letter in the bracket standing in place of the one before it:

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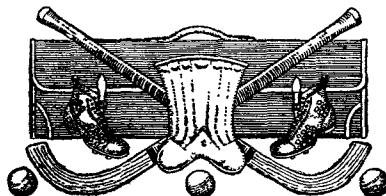
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J (E), K (S), L (F), M (T), N (G), O (U), P (H), Q (V), R (I),
S (W), T (J), U (X), V (K), W (Y), X (L), Y (Z), Z (M)

The solution of the first cypher gives a clue to the second, which in turn gives a clue to the third.

Problem 3.

This problem caused some controversy. Several communications were received declaring that insufficient data had been given. Actually this was not so, and the problem can easily be solved by a graphical method. Both aeroplanes commenced the flight at exactly 2 p.m. and one travelled half as fast again as the other. Try it again and you will see that this is the only possible solution.

Problem 4.

Four correct solutions to this problem were submitted, the best coming from A.A. Cottier, No. 2 Wing, to whom the prize of ten shillings has been forwarded. The "wanted" persons were:

"X," Warrant Officer, A. E. Sims, M.B.E.

"Y," G. G. Edwards, Esq., M.A.

"Z," Flying Officer J. S. Smith, M.B.E.

Problem 5.

The correct solution is £2,567 18s. 9½d.

Problem 6.

The crossword puzzle proved very popular, many solutions were sent in, but not a few contained one or more small mistakes. From the remainder, that of 551566 Boy Woods, No. 3 Wing, was judged the winning entry, and the prize has been forwarded to him. The correct solution is as follows:—

Across.—1, Electrical. 8, And. 10, Shoe. 11, Morse. 12, Also. 14, Crops. 17, Hoe. 19, Leap. 20, Hopes. 21, End. 22, Tay. 23, Aware. 24, E.G. 25, Wireless. 26, By. 27, Rule. 29, G.D. 30, E.R. 31, Needle. 33, Mimic. 36, As. 37, Capacity. 39, School. 41, Tip. 42, One. 44, Woollen. 46, S.H. 47, Redeems. 49, Ache. 51, Tame. 52, I.C. 53, H.T. 54, Cranwell. 55, L.S.

Down.—2, Essay. 3, Chop. 4, To. 5, Recharge. 6, Ampere. 7, Losses. 8, Ashes. 9, Neon. 12, Alternator. 13, League. 15, Rowed. 16, Opal. 18, Eddy. 25, Weds. 26, British. 28, Leaked. 30, Emit. 32, Gaol. 33, Male, 34, I.C. 35, Cypher. 37, Chosen. 38, Police. 39, Swear. 40, Comma. 43 Tidy. 45, Nail. 48, Etc. 50, C.C.

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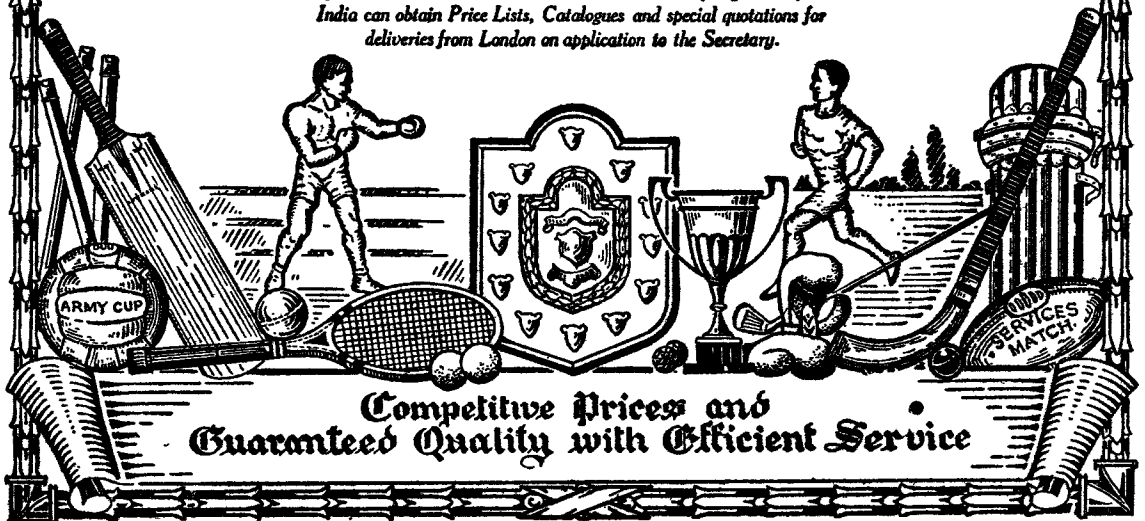
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