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VOLUME 7, No. 1

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SEARCH ON WITH 111 C & R THE RCAF STN. WINNIPEG BAND

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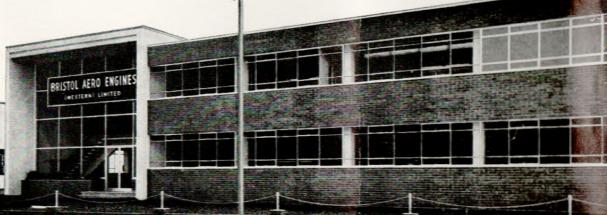


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JANUARY, 1958

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Creativeness and You

The year 1958 and the age of think for ourselves. Sputnik are upon us, bringing with The only method of avoiding so this new scientific era.

which could eventually develop us tally and physically alert. into jellyfish personalities unable to For those of us who wish to mental outlook on life.

them a realization that individual abysmal a development is for all of creation in VOXAIR and, at the creativeness must be given free us to re-examine our day-to-day same time, benefiting our readers. reign in order to ensure man does living habits. Are we using our not become a mere automaton in God-given talents to create some- digesting your creative work, thing new, for we are all different, whether it be a short story, section We in the service are oftentimes as God made every leaf on a tree news, or a general interest article. prone to settling ourselves into a different, and we can all therefore humdrum routine, comfortable in create different things. Whether we our realization that our basic drives create in the form of woodworking, for food, drink, sex and habitation oil painting or in many other putting your thoughts down on are met, and content to allow our fashions, the mental gymnastics ingrey matter to become redundant, volved will make us all more men-

Wanted

ONCE AGAIN THE CRY GOES OUT - THE CRY FOR HELP. IF YOU CAN WRITE, TAKE PICTURES, DRAW CARTOONS, OR EVEN THINK UP NEW IDEAS, WE NEED YOU !

saw a change of command as F/O load of chores as editor due to pressing duties in his own section. 1957 C.I.E.A. Achievement Award in zine in the country-but in recognition of its tremendous progress in such a short period of time.

But VOXAIR is not resting on its laurels. Already new ideas have been introduced with this issue; many more are in the planning stages. Of course, these new ideas are OUR ideas, and here lies the snag: HOWINELL can we give our readers what they want if they won't tell us WHATINELL they want?

VOXAIR; a year of change that and section heads; questionnaires-(these usually wind up in File 13!). Ralph Solotov took over the reins None of these seem to have done as Éditor from F/O Bob Hope, who the trick in the past. Then we was unable to carry on the heavy asked ourselves: "How does LIFE get this info? or TIME? or NEWS-WEEK?" The answer was simple. saw VOXAIR win the coveted These mags all receive stacks of "Letters to the Editor" each month recognition-not of the best maga- from their readers, many avidly protesting this or that article's insinuations or accuracy. There's our answer, then. But, of course, we can't write those letters ourselves. They must come from YOU.

It is most gratifying to note that, as vet, we have received no such letters; no complaints, no sharp rebuffs to our editorial staff, no stinging rebukes from offended individuals after our many feature articles. (We thought there would be a storm of protest following Sgt. In looking for ways and means Boyd's treatment of the "Head of getting this info we investi- Shed," or from the "Hustlers, Cloth-

1957 was a year of progress for ences with the section reporters created so amusingly in our last issue.) Such was not the case. Not even a phone call did we receive. Of course, "Letters to the Editor" do not necessarily have to be in the

create by writing, you can obtain

the satisfaction of seeing your

who seek to better themselves by

In summation, I should like to

suggest that you too can become a

thinking, creative individual by

paper, which in turn will act as a

stimulus to further creativeness

and help to give you a healthy

nature of complaints; much to the contrary. We like nothing better than to have one of our readers express approval of this or that little item. And you HAVE some good ideas-the little bits of constructive criticism that are hotly discussed among yourselves, but never seem to get any farther.

So here it is: If you have a complaint, a criticism, or a compliment, write it. Send it in to us. We will print it (providing, of course, the it is printable!) in a new "Lett to the Editor" column. In this w we can improve, and thus give you better service.

TO THE SECTION REPORTERS

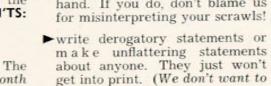
To our faithful correspondents, we offer our thanks for a job well done. To those not-so-faithful, we gated many possibilities: confer- ing, Group 3" that Ron Baynes urge you to take up the sword with renewed vigour. To the few who have fallen by the wayside entirely, we implore you: Get with it! And to those who are interested in writing for us, we welcome any newcomers.

For your guidance in sectionorting, we have prepared the owing list of DO'S and DON'TS:

DO

- ▶get your copy in on time. The deadline is the 21st of the month prior to the publishing date.
- ►type out your copy, doubledouble-spaced, with wide margins.
- ▶ send in photos along with your copy, wherever possible. All we require is a glossy print-no negative-any size will do. providing it's not postage-stamp size!
- ▶ remember that what seems to be an ordinary run-of-the-mill event to those in your section is NEWS to Joe Blow in Accounts. This is particularly true of the hangarline sections. For example, 111 C&R. How many readers, indeed, vould have read, with great

If you're not another Lister Sin- today!



get sued!)

▶use profanity at all!

▶use dated material, unless you are writing historically. A good example of how not to write is: "Last Friday we had a bang-up Section Party ... " WHAT Friday night??? Remember, VOXAIR is a monthly-not a weekly. If you use dated material, mention the date of the month, and write it as if it happened last month, not last week, because by the time you see it in print, it DID happen LAST MONTH.

interest, the write-up on that search for the old man down at Kenora last fall? It's only routine stuff to YOU. Tell others about it.

DON'T

▶ send in copy written out longhand. If you do, don't blame us

clair or a Gregory Clark, don't worry about it! Just write down the facts-dates, events, comments. We'll re-hash it for you. We cannot, however, write all the section news ourselves. Use this only if you are unable to write it vourself.

▶get discouraged with all those DO'S and DON'TS. They're not too hard to follow, and will improve your copy immensely if you heed them.

In closing, let us once again thank all of you for your support in 1957. We really appreciated it, and hope for more of the same in '58. And now, to repeat that plea for help once more: If you can do anything that you feel would be a benefit to your Station Magazine in any way, come up and see us in the Old Drill Hall-or just drop us a line or give us a call at 216. You can't imagine the fun it can be and the sense of pride that can be derived from knowing that you have contributed in some small way to produce a really fine magazine. And start ▶ forget that we have re-write men. writing those Letters to the Editor



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Portage Avenue at Ferry Road, St. James, Man.

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Search on with ...

III C & R

By F/O M. HARVEY

"CBC Graphic features 111 C&R dian on the east and from the Para Rescue.

"111 C&R Aircraft search for downed flying missionary."

"CBC Television News reports 111 C&R drops Christmas clothing at Big Trout Indian Reserve."

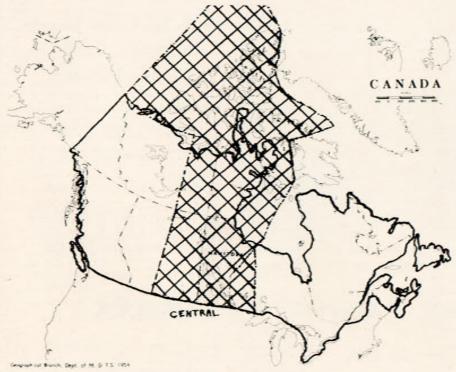
NEWS coverage such as that mentioned above indicates that few aspects of the Royal Canadian Air Force are in the public eye to the extent of those connected with rescue and communication flight operations.

dary on the west to the 90th meri- Medical personnel.

American border on the south to in the name Communications and the North Pole.

MAP

On the First of April, 1950, 111 C&R Flight was so designated. Previously it had been known as 111(K) Flight. The Flight is under the direct operational control of 14 Training Group Headquarters and is attached to RCAF Station Winnipeg for administration purposes. It occupies Hangar No. 3 and a portion of Hangar No. 2 at Station Winnipeg. It has an aircraft estab-Across Canada the RCAF main- lishment of 3 Dakotas, 3 Expeditors, tains six rescue co-ordination cen- 2 Otters (equipped with skis and tres located at Vancouver, Edmon- wheels for winter and floats for ton, Winnipeg, Trenton, Halifax summer operation) and 2 T33s. It and Torbay. Each has its geographic area of responsibility-that sonnel, which includes 14 Pilots, 3 of 111 C&R covering an area from Navigators, 3 Radio Officers, 7 the Saskatchewan-Alberta boun- Crewmen, 5 Para Rescue and 3 Para



111 C & R Search Area in Checker Board

Rescue. The Communications portion consists mainly in providing transportation service for the component units of 14 Training Group: for example, 111 C&R may airlift Group Commander's Inspecting Parties, transport NATO Liaison Officers to various units, and airlift Geophysical Year Scientists from American bases to Churchill, Manitoba, and return. In addition, much of the past year's 3,748 hours of communication flights consisted of routine transport of materiel and personnel to isolated northern bases.

Its many functions are implied

The rescue function may be divided into

(a) Pure search flights, where t object of the search is locate

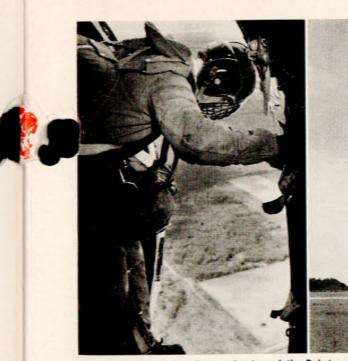
in an unknown area, and (b) Known destination flights.

During the period 1 December, '56, and 30 Nov., '57, 184 hours were spent in pure search flying time, while 245 hours were spent carrying out SARAH Testing (Search and Rescue Aid Homing), practiced parachute drops and air evacuation

SARAH

or mercy flights.

One of the recent devices which has proved of great importance in locating downed aircraft is SARAH, a search and rescue aid homing radio device. It consists of a small portable transmitter in the downed aircraft which beams a signal to a receiver in the search aircraft Many RCAF aircraft have alread been equipped with this device a part of the routine training of 1 C&R includes the testing and use of SARAH. One of the exercises in the Lake Winnipeg area consists of having the Stn. Gimli Crash Boat with a SARAH transmitter go out and hide in one of the many bays or inlets of Lake Winnipeg while



receiver attempts to locate the boat. This and similar exercises have demonstrated the almost uncanny ability of the search aircraft to personnel. cate the transmitter site.

A glance at 111 C&R's operation ogs reveals many operations such as those which follow:

5 Jun 57-F/O Jones and Constable McCallum, RCMP, searched the Starbuck area in an Otter for a mental prisoner who escaped from Headingley Jail. The prisoner was captured by a ground search party approximately eleven hours after he escaped.

27 Jun 57-F/O Achron, using a Dakota, searched an area north of Sioux Lookout for a downed Piper cub and pilot with passenger. They were located on the shore of a small lake beside a campfire. Authorities were notified and they were picked up the next day.

9 Jul 57-F/O Price and the crew of a Dakota searched Riverton to Island Lake area for a Norseman aircraft loaded with fish. The airraft was located by a civilian airraft and survivors were brought out by an RCAF land search team and Otter aircraft.

PARA RESCUE

An important aspect of search and rescue operations involves the parachuting of personnel trained

downed aircraft with survival and medical aid. In 111 C&R will be found para rescue and para medical

These men have all taken advanced winter survival training and are qualified jumpers, having trained at Jasper as parachutists. When engaged in search or rescue operations requiring their services these men, sometimes accompanied rescue, are engaged in the vital task chute jumping, are taken to the rescue operations involving the



F/L Klein and F/O McMillan are shown with other members of the para rescue team among whom are Sat. Trent and Cpl. Thompson and members of the land search team.



L to R, Standing at the door of the Dakota, a para rescue airman is about to jump and is shown landing in the middle scene At the right, FS. Jamieson is shown dressed in typical para rescue gear.

the search aircraft equipped with and equipped to assist persons in scene of the accident to provide immediate help until evacuation can take place. They often form the core of ground search parties when such are required. In 111 C&R such men as Cpl. Kischel, DW, Cpl. Mathews, WE, and Cpl. Hunt, B, who are para meds., and FS Jamie-son, JW, Sgt. Trent, RW, Cpl. Thompson, EA, LAC Copeland, HE, and LAC Tripp, RH, who are para by nursing sisters qualified in para- of providing emergency aid in



evacuation of injured or seriously ill persons from crash scenes or isolated communities spread across Canada's northland.

Cpl. E. A. Thompson, of Winnipeg, Manitoba, has spent three years with 111 C&R and is regarded as one of the Flight's top men in bush survival techniques. FS J. W. Jamieson, of Webb, Saskatchewan, with 17 years' Air Force experience. is the NCO in charge of the para rescue group.

The seven crewmen: Cpl. Cole, Cpl. Fuller, HC, Cpl. McKenzie, LA, Cpl. Roscoe R, LAC Douglas, LAC Melanson, LAC Servos, in 111 C&R, are responsible for the care and maintenance of the Flight's aircraft on the ground and in the air. Without their constant work, often under trying conditions, the operation of the search and rescue Flight would be impossible.

It is not difficult to see how each manding 111 C&R Flight, S/L H. J.



111 C & R Crest

portion of 111 C&R is dependent on Galen, who took over command of the other and the strong realization the Flight from S/L W. H. Nickel of this results in the units operat- on 25 April, 1957. S/L Galen was ing as a well-trained team. Head- transferred from Stn. Rockcliffe, ing the team is the Officer Com- has 17 years' experience in the to all of us in the Service.

RCAF, and comes from Southey, Saskatchewan. Among the pilots of 111 C&R are F/O Des Price, formerly of the RCMP and the interior of British Columbia, who is now an Otter pilot; Alex. Milloy, who gained northern experience with 408 Reconnaissance Squadron, an F/O Fred Maddex, of Vermilli and Wainwright, Alberta.

These and other pilots, the navigators and radio officers, are the men who actually fly and search, and as such play a vital role in the Flight's operations.

The twenty-four hours a day, seven days a week vigilance which is required of the personnel of 111 C&R is often taken for granted. It is one of those organizations that provides protection: protection against isolation and protection in times of emergency. It also carries out its day-to-day routine transportation tasks with quiet efficiency. In doing this work, 111 C&R, along with the other Search and Rescue Squadrons of the RCAF, has built up a record that is a source of pride





Introduction

It is to be doubted if many of the men and women in the R.C.A.F., eating their meals in Air Force dining rooms ever give a second thought to the complexity of feeding a military force. Even fewer stop to reflect that the aim in feeding an armed service is to guard against the impairment of either health or efficiency that would result from an inadequate or improper intake of food. What Air orce personnel do know, however, is that they njoy good food and that they appreciate eating their meals in a pleasant environment. Acceptability of food is recognized as the paramount factor in the good nutrition and high morale of Service personnel. The activities of the Food Services Branch are therefore concentrated both on the provision of highly acceptable meals and on the means by which they can be provided, not only in the "static" unit, but in every circumstance dictated by the exigencies of the Service.

No hit-and-miss formulae can be applied to mass feeding if it is to be effective and if the results are to be satisfactory. Every aspect of the problem must be studied, planned for, and controlled.

Three guiding principles govern the provision of food to Service personnel in Canada today:

- ▶ The food must be compatible with the Canadian standard of living.
- ▶ The food must provide the nutrient elements essential to the maintenance of top physical health and efficiency.
- ▶ The entitlement of food must be equivalent for the Navy, Army, and Air Force, in all circumstances where similar food requirements will suffice.

The co-ordination of ration requirements is an inter-service activity carried out by the Joint Services Food and Nutrition committee, a sub-committee of the Principal Supply Officers' Committee. The Defence Research Board Panel on Nutrition, composed of civilian medical and scientific advisers, meets regularly to advise on specific nutritional requirements for the Serviceman.

WING COMMANDER M. ST. C. CLARK Head of the Food Services Branch, R.C.A.F.

Crviccs THE R. C. A. F.

Rations

With the introduction of the revised ration scales in 1949 a new principle was established in feeding all members of the Canadian armed forces. No longer were N.P.F. (non-public funds) grants from Army and Air Force stations necessary to supplement the basic ration: the obligation for the provision of food became, for the first time, entirely a public committment. This in itself was a great step forward.

Ration requirements vary constantly, and the changes have to be planned and provided for. For example, there is no need to remind those who have undergone training at the Survival School that the minimum planned intake is 600 calories per day. The high-carbohydrate confection, commonly known as the AFFP1, is survival feeding in the true sense of the word - small snacks which provide those food elements most likely to protect the survivor and bring him through the period of privation.

At the other end of the food-ladder is Ration Scale 3, issued to isolated northern detachments, with a maximum caloric value of 5,000 calories. Between these two extremes there exist several other ration scales, all of them for specific uses. Air Division units draw U.S.A.F. rations, which, with slight modifications in items normally issued to U.S. personnel, have proved to be very satisfactory.

The most flexible and the most widely used ration is R.S. 1 (Ration Scale 1), which provides a cash allowance for purchase locally of commodities which add variety and zest to the meals. The most costly rations, and the most non-perishable and compact, are the Canadian Five-Man Ration Pack and the Arctic One-Man Pack.

The actual supply of rations to the Air Force is, of course, the responsibility of the Royal Canadian Army Service Corps. The food itself, however, like other material and supplies, is purchased by the Department of Defence Production in accordance with specifications laid down by the user. The Food Services Branch is represented at meetings of the Canadian Government Specifications Board, where food specifications are detailed, and is consulted in the selection of the grades and types of food to be stocked. As the user the R.C.A.F. is also responsible for reporting complaints to the Army for investigation, re-inspection, and correction. Quality control food is thus ensured by the co-operative effort of these various agencies.

Research and Development

Numerically, the heaviest committment for feeding R.C.A.F. personnel has been carried out in the static situation. A great deal of emphasis has been placed on this type of feeding, and considerable improvement has been made. New concepts of mobility, as well as the requirements for small isolated detachments, dispersed squadrons, or flight feeding, can change the picture abruptly. Means of providing food in modified forms have to be developed from time to time to ensure a feasible logistic support.

The necessity for a food research and development organization to assist and advise the three Services was recognized in 1950, when the D.R.B. Food section was authorized. Now, for the first time in the history of the Canadian Services, there is an organization, staffed with scientists and technical specialists, which can carry out original research into food problems and "vet" development in the whole vast area of food science and food technology.

Food is notably subject to rapid deterioration; it is heavy, bulky, and requires a great deal of time and a great number of people to process, prepare, and serve it. On operations, it may be essential to support Air Force personnel, even if only for short periods, with foods which are provided in the form of ration packs, or with food that is pre-cooked, dehydrated, or pre-processed in any of a number of ways, in order to cut down the bulk and weight and also the number of support personnel required for its preparation. The field of food technology is advancing quickly, and it is the responsibility of the Food Section to keep the Services informed of these advances insofar as they can be applied to Service requirements. Since this area of activity cannot be segregated from the civilian food industries, and since so much can be gained from their experience and knowledge, a Defence Research Advisory Committee on Food Technology has been set up. Its meetings, like those of the Panel on Nutrition, are attended by Service representatives who gain a great deal from the exchange of information and ideas and are able to present their problems at first hand.

The Service Kitchen

Any consideration of the provision of meals will inevitably lead to the important subject of accommodation. Out of the Second World War kitchen came millions of meals, and no one will discredit the noble role it played. Nor will anyone concerned with food services or construction engineering during that era ever forget what a trouble-maker it could be. The wooden construction was a haven for dry-rot and cockroaches. The flooring was continually under repair; paint jobs were always under way. Condensation and lack of ventilation provided working conditions almost intolerable to the staff. The bakeovens, no matter how tenderly cared for, burned food just as readily as they baked; ovens intended for roasting could often barely warm a plate. Grates collapsed, and the continual outpouring of ashes tried the patience of the most saintly.

Today's modern kitchen, on the other hand, is a pleasure to work in. It has been planned functionally around its requirements. It has all the necessary working areas and adequate refrigeration. It cleanable and durable, has good lighting and ventil ation, and its various working areas have been related with ease of operation in mind. Possibly its greatest boon is to be found in the modern thermostatically controlled bake-ovens, roast-ovens, griddle tops, and ranges. Canopies are designed to withdraw heat; no longer are there vast areas of overhanging and inadequately ventilated metal sheets resembling mediaeval torture-chambers, under which personnel worked and sweltered. Having known the inadequacies of the war-time mess so well, the Food Services Branch was more than enthusiastic when asked to co-operate in the preparation of the plans for the permanent standard accommodation.

In terms of manpower, food-service activities make no small demands. In fact, they require a substantial percentage of the total personnel on any unit. Every possible means must therefore be found to make the maximum use of mechanical equipment and, by employing only high-quality equipment, to minimize the maintenance required for it. This guilding principle is now accepted by all three Services when inter-Service scales of issue are recommended by the Joint Services Food and Nutrition Committee. As in the case of food, definite standard are established to control the purchase of equipment either by the Directorate of Inter-Service Development or by the Canadian Government Specifications Board in co-operation with D.L.D. The user is responsible in this instance also for the initial selection of the standard and type of the equipment, as well as for laying down its functional requirements. Service kitchens are now entitled to a full line of equipment such as would be found in any modern civilian installaiton.

Management

No one who has had any experience in the field of preparing food in large quantities will ever deny the importance of adequate food supplies and firstrate production facilities. However, the best material resources and rations possible will not, of themselves, ensure good meals. The "priceless ingredient" of the good meal is, and probably always will be, the human element: the skill and enthusiasm of the cooks and the food services attendants, the N.C.O. supervisors, and food services specialist officers.

Badly manned food service installations in Service or civilian life are extravagant, inefficient, and invariably productive of poor meals. There is just no magic wand which can be applied to food services. Every single aspect of the many problems must be analyzed, evaluated, scheduled, and controlled; all the principles of Service management must be put into effect in the organization, supervision, and delegation of work. Consistently good meals have never been turned out by providing staff under a roster-system; hundreds of thousands of dollars worth of food can be wasted annually if any part of its preparation or service is delegated to the untrained or the unwilling. Food, if it is badly prepared or shamefully served, has gone through every process of production, processing, grading, packagig, purchase, and transportation, only to find its ay, uneaten, into the garbage pail — thus failing ompletely in its purpose of nourishing those for whom it was intended.

The RCAF, appreciating these facts, recognized food services as a specialized committment when it established the Food Services Officers' List and provided top grouping for the highly qualified N.C.O. Food Services supervisors and superintendents. It also opened career fields for personnel engaged fully in the food services trades and it established position for the employment of full-time civilian workers in addition to Service men and women.

No one will dispute the statement that good management is the keynote to the success of any operation but what does "management" mean as applied to food services? It means the never-ending process of planning by the hour, by the day, by the week, and by the month, for each of the 365 days of the year.

The menu is the basic planning-tool; while it ensures the variety and adequacy of meals, it also dictates the work-load of the kitchen, and must take into account the working capacities of staff and the nitations of equipment. Organization charts, duty alyses, work-sheets, shift and leave schedules must be prepared. Production control must be effected by the use of standardized recipes and standard techniques. Supervision must be provided. Time schedules must govern food production to ensure the freshness of the food and the retention of its nutrient qualities. The heavy N.P.F. committment in the Air Force today, as well as the introduction into the ration scale of a cash allowance, requires a full knowledge of meal costing, budgeting, purchasing, and cost controls.

The local supervisor must set the food standards and ensure that they are maintained. He must also know how to deal with daily grievances of his staff, he must understand the technicalities of obtaining rations and supplies, and he must be thoroughly familiar with all aspects of food sanitation. The initial indoctrination of the worker is another of his responsibilities, and he must see that the endless process of on-the-job training is carried out and that trade advancement classes are not neglected. When he knows and does all these things, his efforts are reflected in consistently good food, in the high morale and productivity of his staff, in clean kitchens and bing halls, and in well ordered and controlled food pplies.

Fortunately, there are many men and women who have aptitudes and real eagerness for food work. Given a favourable working environment, a clear statement of their duties and responsibilities, and an understanding of the aims, such people will constantly improve their techniques. Whether they cut meat, bake, roast, broil, prepare vegetables or salads, or whether they clean, scrub, wash dishes or serve food, they are doing an essential and worthwhile job. Canadians are far behind Europeans in giving recognition to the accomplishments, skills, and artistry of those engaged in the preparation and service of food. None the less, we have numerous tradesmen and civilians in the Food Services Branch who have been with the RCAF for many years. This can only mean that somewhere along the line someone has said: "Joe, that was a really good apple pie!" That is the type of comment that keeps food services personnel with us and ensures that the next time the apple pie will be even better.

With the rapid developments taking place now in the fields of food technology and mass foodprocessing, the large-quantity Service kitchen of the future may have many reduced functions. It is quite conceivable that frozen pre-cut or freeze-dried meats will be used entirely — that prepared mixes will be in common use in the preparation of baked products. It is possible now that radiation preservation of foods will reduce substantially the requirements for refrigeration. The day may also come when the rations indent will be used to draw 1000 pre-cooked frozen dinners or 1000 pre-processed dehydrated meals ready for flash-rehydration and heating. In 1958, however, we are still some years from the realization of such concepts.

Today, the Service kitchen is still a large manufacturing and food production centre. An RCAF unit with an average ration strength of 1000 personnel serves more than a million meals a year (from public sources) at a cost of approximately \$350,000.00 for food alone. Add to this the food purchased, cooked, and served for casual meals and social functions, and the total raw-food cost is more likely to exceed \$400,000.00. When one considers that food costs represent only about one-half of the total related expenditures for meal service, it will be appreciated that the operation of the RCAF's 126 kitchens is an expensive business.

Jraining.

In order to man the many food services installations with efficient and well-trained tradesmen, No. 1 School of Food Services was opened in 1954. The school is operated as a simulated RCAF mess. The tradesmen actually engaged in the preparation and service of food are given instruction in large-quantity food production, while the senior N.C.O. supervisors and superintendents are provided with a refresher course in the techniques of kitchen and dining room management. The benefit of this type of training is becoming more and more evident throughout the RCAF today.

Although the Air Force enjoys an almost acrossthe-board reputation for its food services, this is not a situation which can be accepted as permanent. Effort cannot be relaxed; in a matter of weeks standards can change with alarming rapidity. A recent conference of the Command Messing Officers revealed many focal points for attention. One of considerable urgency is a revaluation by units of the essential and non-essential committments imposed on a staff provided to meet only the public-fund food requirements. Another to be emphasized is

(Continued on page 11)

THE R.C.A.F. STN. WINNIPEG BAND

by CPL. BILL BAMBRICK

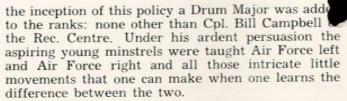
EXCERPT FROM CONN'S BAND RULES AND REGULATIONS

"The step played by the drummer is always wrong: every man on parade should voice his opinion on this subject."

Winnipeg's youngest member of the great brotherhood of Military Bands, the RCAF Station Winnipeg Band, has quite an interesting history. It was not always the fine band that attained the outstanding mark of 84% at the Manitoba Music Festival in 1956, or the band that flew, by special request, half-way across the continent to play for a huge Rodeo out in the Rockies. These things came much later.

Early in 1952, with memories of the rampaging Red and Assiniboine rivers still fresh in the minds of many Winnipeg airmen who had loaded sandbags along the dykes, a small group of would-be musicians got together to form our first Trumpet and Drum Band. A Trumpet and Drum Band, to those unfamiliar with musical jargon, is a form of Bugle band. While very limited in technical potientiality, this type of band is the very essence of what all old soldiers hold sacred - the colourful splendour - the pomp and ceremony of soldiering; a sight to stir the imagination and set the foot tapping. These, unfortunately, were not quite the emotions their music inspired from early audiences, many of whom were most vehement with their protests as budding young trumpet virtuosos set barrack walls reverberating with notes of questionable origin in the wee small hours of the morning.

Under the able coaching of Bandmaster Rudy Handel, (then Cpl.), the sour notes gradually diminished and the band began to sound a little more like what it was supposed to be. Up to this time, practises had consisted of a daily hour-long session in the old theatre. In the spring of '52 the idea was put forward by the supreme powers that it might be a fine show if the band could attend parades. With



The band grew rapidly as the appeal of making music caught fire and spread. As talents developed, so also did interest in good music. Many Winnipeggers will long recall the stirring sight of the, by that time, well-known band leading the RCAF contingent up Portage Avenue for the gala parade heralding the Coronation of Queen Elizabeth II. By then the band had reached its peak. Many of us, dissatisfied with the limitations imposed on a musician by the simple one-valve bugles, began to buy our own instruments. Some of the members of the band were already accomplished musicians from previous associations with bands in civvy street. Included among these were Bud Miller, former trumpeter with the famous Kamloops High School Band; French Hornist Mickey Kostelnik, from Coleman, Alberta; Euphonium-player 'Ick' Richmond, another former member of the Kamloops Band; Frank Teoli, Tenor Saxapho ist, formerly with the Navy; and many, many other too numerous to mention here. And so the swing to good music began. Within six months the various music stores in Winnipeg had done a considerable bit of business and the ranks of 'non-conformists' (lovers of good music) had swollen to include some four or five trumpeters, a tenor saxaphonist, a French Hornist, about seven or eight clarinetists, an euphonium player, numerous drummers, and of course, yours

truly on the slide trombone. (Chicago style!)

Death came to this band of thirty-six men in the late summer of 1953 as, with the advent of Trans-Canada Airlines' new contract for maintenance on Service aircraft, our musician-mechanics were no longer required in such great numbers here. Many of ps, writer included, went to the newly-formed Base laintenance Unit at Portage la Prairie where we nmediately joined the Portage band to keep up the ractise. In Winnipeg, all that remained of the band was a nucleus of some twenty men — some really talented, some just beginners.

The rebirth of the Winnipeg Band came in February, 1954, as Training Command Band's accomplished French Hornist, Sergeant (now FS) 'Gordie' Rowe was transferred out here to take over as Bandmaster. His first duty was to re-organize the old Trumpet and Drum Band. As such, the band developed and drew considerable admiration and respect from their nowappreciative audiences until, in March, 1955, authorization was finally obtained from AFHQ to form the RCAF Station Winnipeg Military (Brass and Reed) Band, and the long-awaited instruments were purchased to the mutual satisfaction of Gordie and his 'lads' as he fondly calls them. To quote Gordie's own words: "Those Trumpet and Drum bands are alright, but let's face it, man: this is music!"

The new Military Band progressed rapidly. In April, 1956, the band walked away with top honours at the Manitoba Music Festival with a significant total score of 84%. Trumpet Soloist Bud Miller, one of the originals of '52, went the band one better by king first place in the Trumpet Solo class with his b% tally. At the annual Waterloo (Ontario) Music estival in June, 1956, in competition with the top Military Bands of their class in the country, the Winnipeg Band came through again with flying colours as they tied for third place — a remarkable feat for a band that had purchased their instruments only fifteen months previously.

Since then the band has swelled it's ranks to it's present complement of thirty-eight musicians. It was last April that the writer returned to the Winnipeg Band, after 3½ years' absence, this time playing the tenor saxophone. We have had a very good summer this year, with the trip out to Coleman, Alberta, to play for their annual rodeo, a highlight. (See VOXAIR — September). On the 21st of August the

FOOD SERVICES—Continued

flight feeding. More guidance is now planned for the benefit of the hospitalized patient, as it is well recognized that his return to health can be hastened by ensuring an optimum level of nutrition or a modified dietary regime. In either case, his stay in hostal can be rendered considerably pleasanter by the ovision of personalized meals of top quality. The rews of high-performance aircraft are now being called on to select meals from foods which will best ensure their maximum physical efficiency on the ground and in the air. Food services personnel will have their imagination and resourcefulness taxed in the extreme to ensure that such food modifications as may be required for aircrew are always available at the right time and place. band staged a concert for the patients of the Princess Elizabeth Hospital here in the City, many of whom were the victims of that tragic polio epidemic in '53. More recently, on the 21st of September, the band, together with RCAF bands from Gimli, Portage, MacDonald, Penhold, and the world-famous Training Command Band, from Trenton, combined to put on that tremendous spectacle that was Air Force Football Day at the Winnipeg Stadium . . . the day the Bombers trounced the visiting Stampeders so decisively!

According to FS Rowe, the only deterrent to the band's becoming the Nation's finest is a peeve that plagues all voluntary Service bands: the unending procession of people being moved in and out by postings and transfers. It seems that every time he gets a really fine group of musicians gathered together a timely signal comes in and half-a-dozen technicians are moved out from under his nose. Be that as it may, Gordie has a fine group together right now, and fervently hopes that he will be allowed to keep them for a while. "Of course," he explains, "we can always use more talent." Anyone who has an interest in music is welcome; just drop over to the Band Room (Bldg. 24) any day, Monday to Friday, at four o'clock when the band is rehearsing, and we'll accommodate you. Experience is not necessary - just the will to learn!"

The band's recent Christmas Party, held in the Band Room on the 13th of December, was a marvellous success. The wives of the many married bandsmen combined all their efforts and came up with a candlelight affair that was really impressive. (They even went as far as moulding their own decorative candles). Everyone present expressed sincere hopes that more of the same will be forthcoming, and received emphatic assurances from the ladies that such would indeed be the case — and soon! Join NOW and get in on the fun!

As to the band's future plans, nothing definite has been arranged in the way of special engagements. The hard work continues (which includes one hour of practise every day, and countless hours of weekend parading on and off the Station). There will be many more parades to play for up Portage Avenue and elsewhere in the City, and perhaps another crack at that elusive Canadian Championship at Waterloo some day.

Conclusion

We have tried here to show that food work is not quite the simple process — dull, monotonous, and repetitious — that some think it to be. Food services personnel know that it is a hard, demanding occupation, calling on every bit of patience, energy, imagination, and initiative they can muster. At the same time (and most of them will admit it) there is still "a job in cooking" and a great personal satisfaction to be found in contributing at all levels to such an important and indispensable support element of the RCAF. As long as their enthusiasm is fostered and their activities are fully supported, complacency and indifference are unlikely to set in, and the men and women of the Air Force will continue to be among the best-fed men and women in the world.

a Boyd's Eye View of the ...

AFTERMATH

By SGT J. D. BOYD

The somnambulistic attitudes that present themselves in the person of individuals attempting to carry the frame in an upright position while the mind remains in a state of repose may be considered the effects of too much activity like they used to, the job is comcrammed into too short a time.

The Boyd's eve is not too perceprim-red lids at the passing parade the fog that seems to prevail in spite of repeated head-shakings, answer: "Wonderful."

countless vehicles in the twilight concern as the children might be hours in search of a bit of sparce disillusioned to find that Santa vegetation of the evergreen variety, looks like something left over from appearance: that of a well-worn morning rising. corn broom) can prove a little trying. Thus, armed with an item that wee soul peers over the side of the is a potential fire going somewhere bed and says in a voice that would to happen, one heads home with the be heard in the farthest reaches of "Tree."

lower branches and cutting the slight gaps of one or two feet that by a high wind. appear in between the branches.

operation involving all hands; in amount of reservation), human bespite of several interruptions for ing assumes that the holiday seathe purpose of removing broken glass from the rug caused by tree try to prove the age-old adage "Eat, ornaments that just don't bounce Drink and be Merry" to the fullest pleted, Everyone waits expectantly for father to throw the switch that tive as it gazes languidly through will illuminate their handiwork. With exclamations of satisfaction it of confused, blurred images; it can now be assumed that all is in cannot penetrate the opaque baffle readiness for the annual visit of that appears to be pulled down on the white-bearded gent. The chilthe window of the mind. Out of dren are all tucked snug in their beds while father is down in the basement wrestling toys and sunsomeone, somewhere enquires: dry items out of the locker space "Have a Good Christmas and New with about as much dexterity as Years?" . . . Years of practice in an elephant attempting to climb the art of prevarication allows one through a ground floor window. them more than a run for their to give the somewhat erroneous The sounds emitting from the cellar during the process causes the better Playing a game of tag with half of the household considerable wears fatigue pants and sports a and ending up with a specimen that clean-shaven physiog. The toys are placed, the stockings filled; thence at best sheer folly: a man with a the Christmas previous (general to bed with visions of an early two-pound capacity attempting to

In the half light of morning some a sleep-filled mind: "He's been That hacking at the scrawny here." The "he" is well understood, and with resignation one awakes trunk, or should we say stem, at to a day of utter confusion, given the prescribed angle prior to an- over to the children. The beldam choring the shrubbery in a stand is that accompanies the opening of exciting goes without saying. Then the gifts is not unlike the sounds comes the period of convincing one- heard from a boiler factory, and self that it doesn't look too bad; debris that litters the living room the decorations should cover those looks like it had been whipped up

It seems that the average "intel- is the aftermath of the holiday.

Decorating the tree is a major ligent" (this is said with a certain son is a period when one should extent: usually with disastrous results. Why is it that a person who wouldn't normally eat a pound of nuts in a year proceeds to prove that the squirrels are second raters compared to him; if the amount of shells being crushed under foot are any indication we might be inclined to agree. It might interest the selfsame individual that the producers of liquid heat have a slight edge in the production department over his consumption; however, our hero will attempt to prove he can give money.

A twenty pound turkey grace the festive board, and from the ap pearance one assumes that the butcher has made a mistake and sent along an ostrich. Here again a situation presents itself that is put himself on the outside of the greatest portion of a beast that in life would have tackled him singlespurred and come out on top. The dropping in of friends that necessitates the consumption of more refreshment leaves one with the feeling that at any moment there will be a violent internal explosion which will erupt leaving no trace of the individual. The effects of all these activities, all the eating, drinking and being merry in general, leave a person with that afterthe-festive-season deflated feeling that is hard to overcome; this, then,



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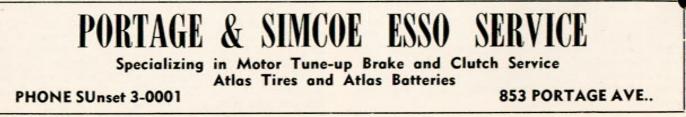
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PHONE FOR APPOINTMENT



F/O Bob Hill, our genial station initial contact with the RCAF came

pharmacist, has been in our midst at the age of 19, when upon comsince July 1955. Hailing from the pletion of high school, he joined the them himself, he explains, he just grassy Saskatchewan plains, his service to train as a Bomb Aimer. can't get to like the stuff.

Upon receiving his "B" Wing he immediately joined 424 Bomber Squadron in Britain, later transferring to 415 Squadron.

From '42 to '45, after completing numerous sorties over enemy territory, he was awarded the Ops Wings. "It was close a few times Bob recalls, "but we managed pull through alright - LUCKILY he added.

After demobilization in 1945, he commenced a course in pharmacy at the University of Saskatchewan. The diploma obtained, he then put his knowledge at the service of a civilian drug store for four years.

In 1953 service life attracted him again, and after re-enlisting, he was transferred to Fort Nelson where he filled prescriptions for approximately two years prior to arriving in Winnipeg.

A married man, Bob is the proud father of three charming girls, two of whom are of school age. His favorite sport is hockey, but he is also currently seen bowling in the ranks of the station team.

When asked to comment on his pet pieve, he immediately replied: "The drugs the M.O. prescribes for

you when you're under th weather!" Even though he mix



Among the heaps of large ledger books, piles of paper, typewriters, adding machines and various sizes and shapes of bodies (human and otherwise), which figure in and are confused with the Accounts Section, none is more confused or figres more than Sergeant "Bud" ann, the NCO i/c of NPF acounts.

Bud was born at Vancouver in 1929, but came to Winnipeg with his family before starting school, thus receiving all of his education at the Daniel MacIntyre Collegiate here in Winnipeg. Having completed his schooling he worked in SGT. L. A. DANN the Accounts Department of the CPR for two years before enlisting in the RCAF in 1949.

The first five years of Bud's service was spent here in Canada. He was at Camp Borden for the first year, then at Hamilton for two years, followed by two years at Gimli. From Gimli, Bud went to North Luffingham, England, for one and a half years. When the Wing he was with moved to Marville, France, Bud went along-to keep the NPF accounts in order.

In November 1955, Bud returned /c of NPF Accounts. Along with the scores of accounts that Bud juggles, he takes a particular interest in the Voxair account, which is heartily appreciated.

past eight years in the Air Force leave him with his secrets.



Personality



Sergeant Dann is married and Bud will not say, either because he Canada and to Winnipeg as NCO has two children-Alison, 3, and thinks it too embarrassing to tell, Roberta, 8 mos. During his off-duty or because he is too modest; but hours, Bud finds time for bowling, we think he could tell some very hockey, and basketball. What he interesting tales (especially of the did during his leisure time for the European tour); however we shall





NEWS

STATION FUND SPREADS XMAS CHEER

BEAUTY



Brunette and bountiful Dianne Foster is our beauty for this month who has the eye-appealing format

-From: Warner Bros. Studio, Burbank, Calif.

by RON BAYNES

In these days of red-nosed reinmay be excused for sometimes lost in the shuffle.

Proof to the contrary is refreshingly present in the action of Station Winnipeg personnel who this year allotted a generous portion of their Station Fund resources usually used for Service children's parties to purchase Xmas food hampers for needy families in this area.

The hampers, twenty-three of them, were packed and shipped by airwomen of this unit (whose pictures appear below), and were delivered by panel trucks to the homes of the recipients on the afternoon of December 20th.

Originator of the hamper idea deer and Santa Claus Parades, one and supervising its planning and execution was (most appropriately) wondering whether the true spirit F/L E. H. Christmas. F/L of Xmas may not have become Christmas explained to Voxair that the names of the recipient had been furnished by the Christmas Cheer Board of Greater Winnipeg, a redfeather agency which acts as a sort of Clearing House for Xmas donations, establishing the need of each case and trying to make sure that no one is forgotten.

Each hamper contained:

- 1 12-lb. Turkey.
- 1 Tin Cranberry Sauce.
- 1 Doz. Apples.
- 1 Doz. Oranges. 2 lbs. Sweet Potatoes.
- 10 lbs. Potatoes.







F/L Christmas and LAC Kilroy are shown busily ngaged in sorting hampers.

- 3 lbs. Cooking Onions. 3 lbs. Carrots. 2 lbs. Corn. 2 lbs. Candy.
- 1 lb. Table Nuts.
- 1 Fruit Cake.
- 1 Fruit Pudding.
- Brown Sugar.

In addition, each family received ift certificates entitling them to purchase items to their liking.

The hampers and certificates must have done much to brighten the season for these families, as must have the realization that the spirit of Xmas still thrives.

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Rear Row, I to r: Carol Findlay, Patricia Hamilton, Lynne Irving, Dianna Saunders, Paulette Carrière, Cheryll Rowe, Shirley Thomas Front Row, I to r: Mrs. A. O. Oram (District Commissioner) Barbara Brega, Lynda Bates, Lee Carlson, Nancy Rabinson, Judy Lindsay, Mrs. J. M. McArter (Guide Captain).

Ten guides of the 94th RCAF been working for several months. Company received their Tenderfoot To qualify for this badge each girl pins at a recent ceremony. Mrs. A. must know and have knowledge of O. Oram, District Commissioner, Out-door Life, Handicraft, Health, presented the girls with their pins. and how to give service in her com-At the same ceremony Joanne munity. Galbraith, Andres Moore, Carol Following the ceremony the par-Meyer, Christine Buck, Suzanne ents were invited to remain for tea Learmonth, Joan Learmonth, Gail during which the girls had a Handi-Williams and Karen Slaght re- craft and Candy Sale, the proceeds ceived their Second Class Badges, of which go toward the purchase of a goal toward which the girls had their Girl Guide World Flag.

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GIRL GUIDE AWARDS

Col. D. Askett



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The English Electric Company, one of Britain's most versatile manufacturers, is trying to sell the Roval Canadian Air Force on the idea of replacing the 100 or s Dakotas in the Air Transport Cor mand with twin-engined Convai powered with the new Eland tu boprop engine. This was disclosed to some members of the Canadian trade mission today as they inspected a segment of the company's big plant.

U.S. MAY BUILD \$50,000,000 CANADA MISSILE BASE

At a cost of \$50,000,000 the first intercontinental missile base on Canadian territory may be constructed here by the U.S., accordding to rumors which military authorities will neither confirm nor deny. For five years a squadron of the strategic air command of the Eighth U.S. air force has been stationed at Frobisher. A scant half--hour separates Ner York from Moscow. For Toron or Montreal the time lag from Russian base to target is a minute or so less. Anchorage, Alaska, and Thule, Greenland, are mentioned as other missile bases. But the bay named after Elizabethan explorer Sir Martin Frobisher, who led three expeditions here 350 years ago in search of the Northwest passage and gold, occupies the ballistic spotlight today. A longrange missile pit on sparsely populated Baffin Land would serve as a nuclear police club over densely populated areas of Russia within a range of 5,000 miles.

SUNDAY SCHOOL CHRISTMAS CONCERT



SGT. GREG. ANAKA Sunday School Superintendent

At 2 p.m. Sunday, 22nd Dec., the Station's new Cinema was the scene of the Protestant Sunday School Christmas Concert. The children were full of anxiety, what with trying to remember their lines and seeing that they had all their props and costumes, while wonderng what Mom and Dad were going to think of their performance.

As it was, the concert went off exceptionally well. Of course there were some that had a bit of stage fright, but considering that it was the first time on stage for a few of them, the children are to be congratulated on their performance.

The concert opened with a greeting from Padre J. Irwin, followed by a variety of skits, carols and pageants. The "actors" ranged in age from the three and four-yearold Nursery class on through to the twelve-year-old girls and boys. Spiced in between with special selections from the Choir, which consisted of girls and boys ranging in age from nine to thirteen, the Concert was a marvellous success.

After the Concert was over an assortment of gifts were distribted to all the children. A pleasant fternoon was had by everyone resent.

ied scenes from the Protestant Sunday School istmas Concert held on Sunday, 22 Dec. Mom 1 Dad should have fun looking for their











LAC D. Spearing

The Christmas Day Dinner at the Airmen's Mess where the airmen were served by the Officers and Senior NCO's, was indeed a sumptuous feast. Top left shows WO1 Lisoweski in the role of a waiter while at top right G/C Jacobsen is busily engaged in handling two platters. Bottom left, W/C Branscombe and W/C Vinnicombe admire the Christmas cake. Bottom right, a general view of the waiters who are S/L Hutton, S/L Herbert, W/C Branscombe, S/L Graham.

R.F.T.P. "TOUT FINIS" -AFHQ

The Refresher Flying Training Plan, which has provided light aircraft flight training to veteran RCAF pilots since 1950, is to be discontinued the end of March, 1958, it was announced recently by Air Force Headquarters.

The plan was started in 1950 to provide ground and flight training on light aircraft to selected former RCAF pilots, to enable them to maintain a degree of proficiency for service in an emergency as staff pilots or instructors.

Training has been given by civilian flying clubs across Canada, on single-engine Chipmunk air-TOP

Old Santa was a popular fellow indeed fer these two youngsters at the underprivileged Children's Party in the Aircrew trainees Mess. BOTTOM

The Commanding Officer, Group Captain G. F. Jacobsen, chats with one of the young guests at the Children's Party in the Aircrew Trainees'

craft provided by the RCAF. Costs of the scheme have been borne by the RCAF.

COVER STORY

Messing Masterpiece at Flight Cadets' Mess

The New Year's Eve Ball at the Flight Cadets' Mess featured a particularly unique method of extending Season's greetings in the form of a magnificent fiftypound fruit cake artistically ornamented with fancy icing, as depicted on this month's cover.

Approximately twenty-five pounds of ornamental icing was used in the construction of the carriage. Lined inside with velvet, the carriage featured pictures of the Manitoba Legislative Buildings on its doors. With an overall length of thirty-six inches,, a width of fifteen inches and a height of thirty-one inches, the carriage was truly a masterpiece of the Messing Art.

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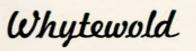


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DRUGS

SPORTS

STATION WINNIPEG HOCKEY CLUB



W/C Vinnicombe is pictured with the Station Hockey team at one of its early practice sessions.

ing Group hockey by entering the out the area. play-offs in order to win the Training Command championship. Under the tutelage and strict disciplinary control of W/C H. C. Vinnicombe, the team expects to regain the top T.C. honors, which has vet to be won by its rightful owners.

The team has but one aim or one purpose, and that is to win hockey games. They are determined to score more goals than their opponents. With the knowledge that their conduct on and off the ice will reflect upon Station Winnipeg, all team members are convinced that a winning team can display the same quality and sportsmanship usually connected with a losing team. With such a positive winning attitude, who can stop them?

All players have been recommended by the coaches and manager of the inter-section teams, who actually act as farm teams for the Buffaloes. While they have not entered a city league, the team has accepted many offers for exhibition

24

The Station Winnipeg Hockey games. The style and manner of team, the Buffaloes, after a two- play advocated by their coaching year rest, have once again decided staff has made them particularly to improve the calibre of 14 Train- popular by hockey fans through-

by LAC AL RAMSAY

It is anticipated that this experience will assist at knitting the feam together in a harmonious plaving fashion, which will undoubted stand them in good stead whe competing for the Training Com mand championship.

The Buffaloes are a well organized, well managed and expertly coached team who are fixed with a "hunger" to win. Their motto is: "We hate losers!"

BASKETBALL

Here are the standings of the Intermediate Basketball League to date: D 117 D

	Ρ.	w.,	PIS.	
St. Andrews	5	1	12	
YMHA		1	10	
Stn. Winnipeg	4	3	8	
RCAF Cadets		4	6	
USAF	. 3	4	- 6	
Gimli	7	0	0	

Both our station teams, the cadets and airmen, are looking better each time out, and will make things hot for the top teams in the league in future games.

AIRWOMEN BASKETBALL

The girls' team has played number of exhibition games thi year and although losing some, have come up with a fairly good team and will be heard from later on in the season.



Coach Vinnicombe, kimself a former NHL player points out the finer aspects of the game during practice session.

BADMINTON

The station badminton team invited the YMHA Badminton Club over for a tournament, Stn. Wpg. won the event, defeating the YMHA club quite handily. They were victors in 19 matches out of possible 25.

WLING

The inter section bowling league is now in full swing. Cpl. Wriggitt has high single game and high triple score to date.

The Ladies' League is turning into a two-team fight for quarter honors with teams 1 and 5 leading the league with 51 and 50 points. Mrs. Branscombe has high single game to date with a 237 count.

HOCKEY

The inter section hockey league is being played at the Olympic this year. Seven teams have entered the league, and a tight race is anticipated for top place. An all-star team will be picked from this league to represent the station in the 14 Training Group playoffs.

BOXING

Station Winnipeg held its first xing show on Dec. 5 in the old ill hall. The crowd was enterned by some very good bouts. LAC Perry Parsons of RCAF Station Wpg. defeated Red Simminson of Portage la Prairie by a TKO in the second round. Helmut Koppe, from Germany, gained a decision over LAC Thompson of Station Wpg. in a good bout, while LAC Hillery Briand, of Portage la Prairie, pounded out a unanimous decision over Adolf Gruber of Winnipeg. In the main bout of the evening Heinz Koppe of Germany de-feated LAC McCall of Portage la Prairie. Koppe had a little too much boxing ability for McCall, and had

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UPPER Winnipeg's LAC Thompson throws a hard left at Heinz Koppe from Germany LOWER LAC Briand, of Portage la Prairie, jars Winnipeg's Adolph Gruber with a smashing left

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25



Denny Deveau and Ronny Parsons mix it up on the inside to the amusement of Referee Pacquet and a vast crowd of spectators.

him in trouble a number of times, knocking him down twice. In the novelty match between Danny Deyeau and Ronny Parsons, the crowd were highly entertained as both of these youngsters threw a lot of leather and never backed down from one another. All in all it was a very successful show and may revive boxing on this unit.

SHOOTING NEWS

I know six honest serving men, They taught me all I know; They are What, Why and Where And How and When and Who.

A few lines, familiar to hear and readily adaptable to many queetions of life, yet recognized by few as worthwhile and helpful in assessing the worth of material values, physical gain, or what have you, n'est ce pas? The philosophy of life itself may mean more to your daliy living if these lines of one of the most popular and original writers of only a few decades past were used as a guide.

To assist our readers sports-wise on this occasion, six questions. six answers-then immobility can only be attributed to your fundamental or carefully cultivated lack of motivation. Forward, then, to Kipling's practice.

HOW-does the station shooting program affect me?

The station shooting program is designed so that every eligible member may enjoy as much or as little shooting as he or she desires. The road is open and the welcome mat out for anyone aspiring to shoot with the local rifle team. Shooting might even be compared to a card game; practice shooting to solitaire in which you are competing only against yourself; teamshooting to bridge, in which you are working closely and collectively with each fellow participant to achieve the greatest possible score.

What-vou say you haven't the time or money?-then how do you vincial or Dominion trophies.

ever manage to quiet your conscience when you reach for a cigarette? One package equals cost, plus 200 minutes. Comparison is invited. WHAT-advantage is there in

shooting with a club?

Likewise what advantage is there in having a system of weight and measure? Why were the ten provinces we now know as the Do minion of Canada? Not necessary then next trip to Montreal, and think this one over, try walking! Yes, shooting with clubs and being in the participating section and not "just belonging" can be beneficial, both to the club and especially to you.

WHY-is shooting encouraged by the RCAF?

Suffice to say that awards as outlined in QR (Air) and AFAO's are available, and most noteworthy of all these is a service ribbon in recognition of the Queen's medal for "champion shots of the Air Force."

WHEN-can I start to shoot? Now: it is later than you can think. Simply drop in at the range during regular Tuesday, Wednesday or Thursday practices and see the attending officer.

WHERE-do the shooting pra tices take place?

The indoor rifle range in the new recreational building.

WHO-should I contact for additional information?

The president Cpl. Warshick, any range officer, or your station recreational staff.

Photo-Illustration of a number of trophies brought to the station through the efforts of members from the local rifle team during the past season. With the exception of the 14 trg grp trophy, all are pro-



VOXAIR CROSSWORD PUZZLE

DOWN

3 Finished

4 For each

Tavern

10 Hide

12 Want

22 Plays

team

work

(abbr.)

29 Prolonged

34 Transmits

37 Untied

46 Indigo

30 Secondhand

31 Small children

33 Breathing hole

45 Seat of power

50 Norse names

for short

53 Jacob's brother

59 Internal Revenue

Office (abbr.)

52 Blockhead

54 Fluent

56 Adrift

60 Ailing

32 Strikebreaker

25 Insults

17 Ship's prison

Cut artistically Days of yore (2 wds.)

Cotton packer

6 Literary fragment

taxes (2 wds.)

9 Design on a tiger

8 Describing pay after

11 A bet before dealing

13 Half of a great water

24 Delicate ornamental

27 Congressman's title

39 Author of "Ulalume"

42 Japanese dancing girls

48 "Just - in the dark"

51 School for engineers,

ACROSS Place to hold hen

- **parties** Temptation
- Give the once-over Ointment
- 14 Miss Karenina
- 15 This is pretty sound
- 16 What salesmen like to write (2 wds.)
- 18 Degree
- 19 Declare
- 20 Unit of elec. reluctance
- 21 Revised copy
- 23 Writing tool
- 24 Blazing vessel sent amid enemy fleet
- (2 wds.)
- 26 Trim and spruce
- 28 Final sale
- 32 Barker's harangue
- 34 Foot pound 35 Scout organization
- (abbr.)
- 36 Make an anthology
- **38** Populated 40 Exist
- 41 Disk-shaped bells
- 43 Crosses
- 44 Straddled
- 46 Sun disk of Egypt
- 47 Mercenaries of the Amer. Revolution
- Obtain
- College goal Snow runner
- Swiss river
- Norse capital
- 58 Amoral and politically
- destructive
- 61 (Had) reclined
- 62 Historic ages 63 Old word for a doctor
- 64 Electronic bulb
- 65 British flophouse
- 66 Boys

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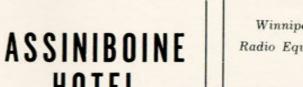
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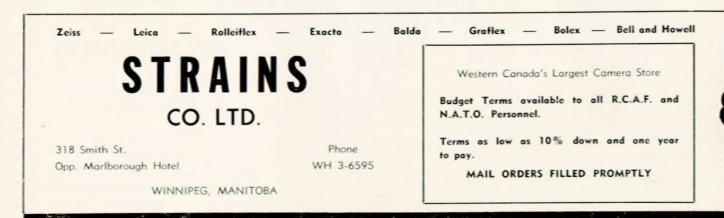
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44			45						46					
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52	53	54	-				55				56			
57					58	59				60			-	
61					62					63				
64					65					66				

A complete set of crossword puzzles has been prepared for your enjoyment by Alexander Field, the noted puzzle authority from New Rochelle, New York,

Answer to this puzzle will be found on page 36.



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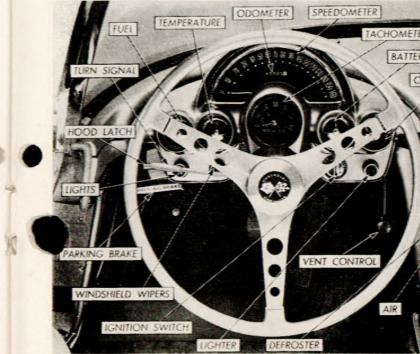
Life Insurance

Insurance

Medical Insurance

1958 CORVETTE









By PETER MCLOUGHLIN

treatment for '58 and, despite this drawback, still remains the only domestic sports car. The bumpers and new grille look good. The headlights make the car a little middle-aged in spread, but I guess they are an improvement. Not so the simulated air scoops on each fender! Sculpturing has been used to good avail on the hood and trunk-note the added louvers. You may now get four engines, fuel injection, single or dual four-barrel carbs, special cam, heavy duty clutch. four-speed box, differential torque rear axle, and heavy duty suspension,

are good. The tachometer is now central-still small. An attempt has been made, at last, with a central control panel, which contains the heater, radio, new rear spring increases ride clear-The frame has undergone slight changes to accommodate the front and rear bumper brackets-stronger, but they still use the fibre glass body used

KNOCKS AND NOISES

(Concluded)

A further annoving noise can occur, on some cars, when large stones lodge between the rear end of the gear box and the chassis cross-member, and this nuisance gives an intermittent knock whenever the engine flexes. I know that is simple, but just you see how much a garage charges to analyse that one! Of course, another common noise is "pinging," which will occur on all engines when you are pulling hard at low revs and at the same time using gas which is of too low an octane for your engine-saving those cents can ruin a good engine, if given time, since this detonation sets up violent shock waves inside the engine. A further stupid one-just put your head gasket on upside down and then listen to that clunk! Another fault, that is not mechanical, but which gives out a noise whilst accelerating, is a head gasket which has blown out a small piece externally. Sometimes new cars develope mysterious noises, knocks, thumps, etc., which you may try to find, but with no success. In that case I would suggest you go right to the main distributor for your region and raise the complaint, for often as not it will turn out to be a particular fault of that car series. There may be no cure, but again there is the distinct possibility that the manufacturer has decided to do a mass rectification of some point that has been discovered after the cars have been out in the field. If after all this you remember nothing else, please just try and realize that EVERY noise has a cause, and NO defects remedy themselves. It's just another variant of the old saying, "A stitch in time . .

.....

Incidently, if you liked this series tell the Editor, and I'll dig up more material on similar lines. If you don't, I won't!

......

Id timer

VOLKSWAGEN ON MARS?

manently set!"

We all know that the VW has been doing well on all sorts of markets, but maybe it is a little far-fetched when a commercial firm in West Pakistan writes to Volkswagenwork for the VW agency on Mars! They are requesting the sole agency for ths lucrative market, since, as they say, we will be there before long; and that the VW seems to run well everywhere else, so why not there? Mmmm-m?

'Some minds are like con-

crete-all mixed up and per-

58 VAUXHALL



The best looking "Americanized" body Britain has ever put out. The new Vauxhalls definitely show G.M. parentage and thought, but the whole effect has been extremely well carried out to give a well balanced, modern appearance. The cars are six seaters and are powered by a six-cylinder engine of 82.5 bhp. The engine is basically unchanged, but now uses individual parts for better flow and larger valves, plus an increase in compression ratio

to 7.8:1. Price in Canada will be near \$2,500, with heater and turn signals. Top speed should be near 90, with a fuel economy of over 30 mpg. The front end looks rather Pointiacy; however, the roof line, tail end, and side profile show a very individualistic treatment which is pretty. I think last year's Buick may see a relation in these rear wrap-around windows. Integral construction is used throughout. All told it is a neat package that will sell well in Canada

AUTOMATIC THROTTLE AVAILABLE ON '58 CARS

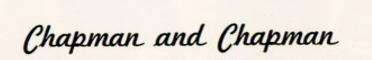
The Perfect Circle Corp. has recently announced a new boon to drivers, which they are calling the Speedostat. It is intended to automatically govern the speed of a car while still allowing the driver to override the device when necessary.

It is an electro-magnetic device driven from the standard transmission speedo drive. The desired maximum speed is selected on the dashboard selector, and when this speed is reached a resistance is set up between the throttle linkage and the governor unit which prevents further movement. The driver can readily overcome this resistance in emergency, or should he desire to change-pass a car-but it will return to this position when the pedal is released. An added feature to the above is a button which can be pressed after speed selection and then the car maintains that speed until the speed is over-ridden. Obviously intended for turnpike, or similar use. But how do you cater to the character who sets it

and then wanders off the highway in a doze. Boy, what a crash! Anyway here at last is a governor which is pra tical and can always be over-ridden emergency. Price is \$75 in the State

WHY DON'T "CHEAP" CARS LAST LONGER?

Is there any basic reason why your everyday car can't be made to last for ten to twenty years and give no real trouble? British authorities say no. none whatsoever. The cost entailed is not much-slightly larger and more strongly surfaced wearing parts, slightly thicker and better paint, is all that is needed to double a car's life. For instance, a thin film of chromium on piston rings quadruples cylinder life. Case hardening of a standard crown wheel and pinion will give 75,000 miles with virtually no wear at all. If you want it, you can have it-but we'll never see the day unless we make the manufacturers see reason on our, the purchaser's, terms. Fast car turnover suits no one but-you know who.



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The Canadian Legion

ST. JAMES BRANCH No. 4

Congratulations to our new President. Norm Simm, who, on Sunday, December 8th, 1957, became a grandfather for the first time. James Fredrick Simm weighed in at 8 pounds 151/2 ounces and was 21 inches long. The father, J. F. Simm. Norm, and all, are doing fine, thank you.

Wedding Congratulations this month are extended to Lefty and Mrs. Harris-38 years January 26th, 1958.

LADIES' AUXILIARY NOTES

The Holiday Season is over once again, I hope you all had a nice time and that Santa was good to you all. Now you can sit back and relax and catch up on your sleep. I hope that 1958 brings you all Health and Happiness.

Thanks to the Branch and the itertainment committee for the onderful Christmas tree they put on for the children. Needless to say a good time was had by all.

Mrs. Price held a Bingo game at her home on Brooklyn Street in December, proceeds to go towards buying the refrigerator.

A Copper Vase and Poppies were presented to the Branch by the Ledies' Auxiliary.

Two Christmas gifts were placed on the Legion Christmas Tree in T. Eaton Store for the hospitalized veterans.

Mrs. C. Saunders, Mrs. W. Anton visited 111 patients in Academy Road last month giving out cigarettes and tobacco.

Your 1958 Membership Fee is now due also your dollar for the "Scholarship Fund" which has to be paid at the same time.

The new addition to the Branch now ready and it's really lovely. he next general meeting will be held in the "Board Room" of the Legion.

NEW OFFICERS FOR '58

Hon. President-D. A. MacDonald President-N. Simm Past President-J. T. Bourke

1st Vice-President-J. Beckett 2nd Vice-President-F. Minton Sergeant at Arms-D. Kidd

Treasurer-N. Broughton

NEW EXECUTIVE

J. Stooke H. Hell H. Rogers C. Saunders W. Payne P. Robinson F. Stanford V. Affleck C. McArthur W. Alexander J. Campbell L. Paul

The above are your officers and Executive for the ensuing term. A list of committees will be published in the February issue. Get behind them and give them your full support.

THANKS!

Jones carefully avoided the smoking car when he commuted. He couldn't stand smoke and couldn't tolerate those who did. On one trip he found a seat in a car where smoking was prohibited, but, to his extreme unhappiness, a man puffing on a big black cigar sat down next to him.

Jones' size kept him from complaining openly about it, so he waited patiently until the conductor came around to punch their tickets. As he held out his ticket,

Compliments of

No. 4

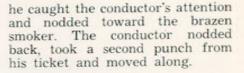
ST. JAMES, MAN.

MEMBERSHIPS ARE WELCOMED FROM RCAF PERSONNEL - BOTH REGULAR AND ASSOCIATE.



Secretary-P. Crook Hon, Chaplain-B. Brown

Canadian Legion Branch



The horse and mule live for thirty years

And nothing know of wine and beers.

Sheep and goats at twenty die And never taste of Scotch or Rye,

The cow drinks water by the ton At eighteen she is mostly done,

The dog at fifteen cashes in Without the aid of Rum or Gin.

The cat in milk and water soaks And then in twelve short years she croaks.

The humble, honest, sober hen Lays eggs for nogs, and dies at ten,

All animals are strictly dry They sinless live, and swiftly die,

But sinful, ginful, beer-soaked men Survive for three score years and ten.

SURE THING

A school teacher of inquiring mind was touring Hollywood on a sight seeing bus.

"On the left is the Crosby mansion," intonated the driver.

"Bing Crosby?" queried the teacher.

"No-Bob Crosby," was the re-

"On the right is the Barrymore estate," continued the driver.

"John?" ventured the pedagogue softly.

"No-Lionel," snapped the man with the megaphone. "And straight ahead is the Christ Church."

Hearing no response, a soldier seated next to the teacher nudged her and said: "Go ahead lady, you can't miss every time!"



THINGS TECHNICAL

BV CPL. BILL BAMBRICK

CESSNA FOR 1958



THE SKYLANE

Cessna's well-known "middle- ard equipment a choice of Lear or priced line" of light planes will Norca omni-transceiver with cryfeature a newcomer to the aviation stals and low-frequency range,

directional and horizontal gyros, sensitive altimiter, clock, outside air temp indicator, rate-of-climb indicator and a turn and bank indicator. Additional standard equipment will include the special new fibreglass fairings on the nose and main wheels which, according Cessna, give an extra three-mil an-hour hike in max. and cruisin speeds; tinted glass windows all around; sun visors; nav. light flasher; and a modified tow-bar for use with the new wheel fairings.

Cessna appears to be adapting the automotive industry's sales promotion campaign methods with their new selection of colour schemes. Eight different colours are available from which the customer may select a combination of any three, giving a total of 500 different tri-tone combinations.

One of the big changes on both the Skylane and the 182 is the addition of a rudder trim handle just forward of the aeleron trim and flap handles. This little gem



Cessna's Squadron of Light Plane Models

should make X-country trips a pleasure, relieving the necessity of constant foot pressure on the rudder pedals.

The new instrument panel for the Skylane is a sight for sore eyes and compares very favourably ith those found in many twingine commercial planes. The ouping of instruments is excellent with all flight instruments on the left and engine instruments on the right.

STATISTICS:

Several new accessories are available on all three models as optional equipment this year. These will include the Tactair T-3 automatic pilot, an 18-gallon auxiliary fuel tank, and, on the 182 only, optional wheel fairings (standard on the Skylane).

The prices on these beauties, in case you're interested, are as follows:

Skylane	\$16,850
Model 182	14,350
Model 180	13,850

These prices are all quoted f.a.f. Wichita, Kansas, and come standard-equipped. I wonder if they're ig slightly used Fords as trade-

ARC INTRODUCES NEW VHF SYSTEM

A new VHF communications system - weighing only 22 pounds is now in production at Aircraft Radio Corporation, Boonton, N.J.

Representing more than three years of research and development. the system provides a frequency coverage of 118 to 135.95 megacycles on 360 channels and is suitable for both military and commercial aircraft. This lightweight unit, known as the A R C Model 210, is the latest in a series of "miniaturized" communications and navigational equipment manufactured by the New Jersey firm.

Included in the total weight an exact 22 pounds - are the transceived, mountings, control gel and power supply. The unit true 50-kilocycle channel spacwith six-megacycle separation.

One of America's fastest aircraft movable vertical stabilizer resulted North American Aviation's

"twice the speed of sound" F-107 fighter-bomber, has been delivered of research data at NACA's High- one of its features. Speed Flight Station, Edwards, California.

General performance characteristics of the needle-nose, sweptwing F-107 reveal that it flies in the region of Mach 2 in both level speed of the F-107 is in excess of 1300 miles per hour. The design of the overhead duct was to give maximum efficiency to the J-75 jet engine made by Pratt and Whitney which is rated in the 20,000 pounds thrust classification. North America's use of the all- services.

The system is powered by a dynamotor designed to give maximum dependability with the least possible weight. An advanced type of centre-of-gravity mount reduces vibration and noise effects far below the levels usually found in this type of equipment.

Another feature of the new system is a control panel incorporating several innovations that will be welcomed by pilots. Large numbers showing the frequency selecta 15-watt transmitter with a ed are placed so they can be read very low, spurious output and a in a normal left-to-right eye movereceiver sensitivity of two micro- ment. Any possible confusion volts. By turning a switch on the between the megacycle and fraccontrol panel, the system can be tional-megacycle functions of the operated either as a single-channel transceiver is eliminated by separsimplex or double-channel simplex ate knobs that can be operated with gloved hands.

industry this year. The new Cessna "Skylane," a sleek, streamlined beauty on wings, will become the third member of the trio which also includes the popular Models 182 and 180. Lauded as the "complete aeroplane for the complete pilot," the Skylane will feature completely different exterior styling from that of its sisterships, the 182 and 180, and will sell for a complete package price.

Fullfilling a demand for a more deluxe and completely equipped model than the standard 182, the new Skylane will include as stand-



"I remember seeing this same situation in a cartoon once-and how you laughed!"

DOUBLE MACH-BUSTER



from previous operational success in the all-movable horizontal stabilizers on the F-86 Sabre Jets and to the National Advisory Commit- the supersonic F-100 Super Sabres. tee for Aeronautics, for use is The F-107 also incorporates the allsupersonic testing and compilation movable horizontal stabilizer as

The spoiler system of hinged doors on both the upper and lower wing skins operate to aerodynamically control air passage over and under the wings during high-speed maneuvering and this lateral conand climbing flight and exceeds trol method instead of using con-Mach 1 in a vertical climb. Air ventional ailerons is considered a major advancement of high-speed flight.

NACA pilots will fly the F-107 from Edwards Air Force Base and the knowledge gained will be issued in scientific report form to the aircraft industry and the military



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H. BROCK SMITH Manager, Winnipeg Division Investors Syndicate is also distributor and investment manager for Investors Mutual of Canada Ltd.

TARMAC TABLES

Servicing Squadron has done it again! Yes, that miscellaneous coltion of fighting Irish known as rvicing has hit the headlines once

The balloon went up at 0800 hours Tuesday, the 17th Dec., when in accordance with well laid plans Expeditor Servicing, that energetic little group, moved its location from number ten hangar across the field to number two hangar henceforth to be known as our home away from home.

While this stirring drama was taking place the former tenants of number two hangar, under the capable leadership of FS Ken Barlow, moved across the drome to amalgaeleven hangar.

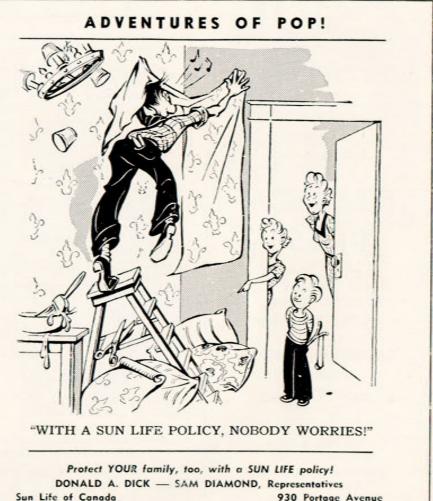
Under this new arrangement all Dakota operations will be carried on from number ten and eleven hangars; this will allow better utilization of hangar space and of ailable manpower. The wives of guys in eleven hangar will now them more often on weekends, we hope.

This sudden change has also occasioned a complete change in Expeditor Servicing's door operation procedures. Formerly those beautiful electric-operating doors were operated by the N.C.O.'s; now those \$&*! !*&*! hangar doors are operated by muscles; guess whose? groan! Well, you can't win them all fellows - it has its compensations. The Gals go for those bulging muscles, I hear. Speaking of doors, we want to warn the new residents of number ten to watch those office doors. One of our unlucky laddies claims one of them attacked him. He had a beautiful mouse to prove it too.

A pleasant surprise published last month was the results of the up four exams. Our heartiest gratulations go out to all those C.O.'s in Maintenance Wing who were successful in their efforts. Servicing Sqdn. has reason to be proud of its record, and to Sgt's. Smith, Buck, Gervais, Siford, Havs and Worobey we extend the congratulations of all the personnel in Servicing.

Our spies tell us that the crowd the new PMQ area and as the song vais. Best of luck in your new homes, fellows; may we be neighbours soon. LAC Miles from two hangar bethe wedding, ably assisted by LAC's McGill, Catton and Tardif extended to the newly-weds from all of us in two hangar. Sgt. Bill Gorius returned from leave looking chipper just in time to receive a posting overseas. He

over in four hangar held a mixed goes, "We're moving in." Among party on the sixth of Dec. and a these chosen few are Cpl. Nadogood time was had by all and rozny, Sgt. Worobey and Sgt. Gersundry; and there were some sundry. By all reports it was some thrash, and a vote of thanks was expressed to FS Norm Dixon, Sgt. Jack Siford and the members of came a charter member of the the committee for a job well done. married establishment on Dec. 7. The ranks of the married popu-LAC Oram served as best man at lation of four hangar have been swelled by the recent marriage of LAC Fogerty to the former Miss who acted as ushers. After a joyous Rose-Marie Lamoureux. We offer reception the happy couple left on our congratulations and best wishes their honeymoon to Windsor, Ont. along with those from the fellows Congratulations and best wishes are in four hangar to the happy couple. There are numerous laddies wandering around the hangars these days with king size smiles on mate with the gang in number their faces. These fortunate chappies have been allotted quarters in had barely time to celebrate this



Sun Life of Canada

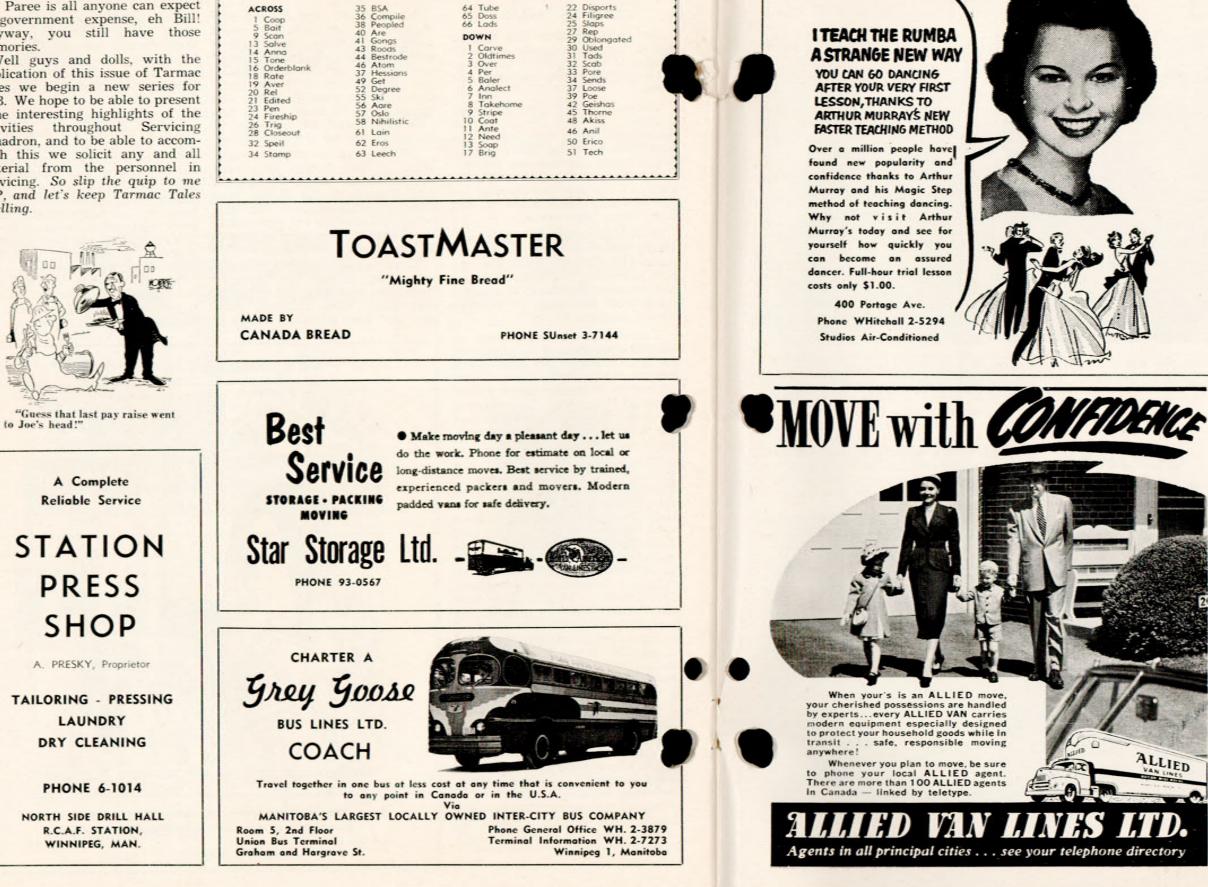
SECTION NEWS

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good news when the fickle finger of fate struck again and the posting was cancelled. I guess one crack at gay Paree is all anyone can expect at government expense, eh Bill! Anyway, you still have those memories.

ACROSS

Well guys and dolls, with the publication of this issue of Tarmac Tales we begin a new series for 1958. We hope to be able to present some interesting highlights of the activities throughout Servicing Squadron, and to be able to accomplish this we solicit any and all material from the personnel in Servicing. So slip the quip to me VIP, and let's keep Tarmac Tales a-telling.



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CORPORAL'S COURSE NO. 3



Back Row I to r: Cpls. Crocker, Youngstrom, McQueen, Russell, Dunn, Ross. Centre I to r: Cpls. Coverdale, Keenahan, Labonte, Humble, Bain, Cole, Davies. Front, I to r: Cpls. Gale, Bechamp, Bothwell, Thompson, Banks.

CORPORAL'S COURSE NO. 4



Standing I to r: Cpls. Wear, Richards, Kostelnik, Genovy, Briggs, Black, Atkinson. Seated I to r: Cpls. Butler, Elston, Grice, Forgues, Champigny, Metcalfe, Chmara.

THE CORPORALS' SERVICE TRAINING COURSES

by FS R. T. NELSON

As a sequel to the story in last month's issue of Voxair we preser the final pictures which were take during the Corporals' Servie Training Courses conducted at this unit. It is hoped that the personnel who took the course this year will find it beneficial in their future work.

It has often been said that the corporals are the backbone of the Service. They have a difficult position to fill. First they have their primary duties to fulfill; then they are shouldered with secondary responsibilies such as station details, section details, and committee work; in addition they are closely connected with the welfare of their men, to whom they are expected to give help and guidance. They are expected to be disciplinarians and close "buddies" at the same time.

It is with all this in mind that the Corporals' Service Training Course is planned. This course is designed to help the junior NCO becon familiar with various orders an regulations which affect himse and his men. It is meant to be a valuable stepping stone in the transition from LAC to NCO rank, and the diligent corporal will use it to prepare himself for the duties of the senior NCO.

The shortness of the course, one week, leaves a considerable amount of work for the candidate to do on his own if he is to get the most out of each subject taught. All this vear's candidates took a keen interest in the lectures and there was a competitive spirit present to see who would come first in the exams. The valedictorians of each course are as follows:

Cpl. W. A. Warshick 1st course ____ Cpl. C. D. Mason 2nd course Cpl. J. D. McQueen 3rd course Cpl. D. B. Hunt 4th course 5th course Cpl. T. W. T. Taylor

The splendid showing could n have been achieved without wholehearted support of the teal of instructors who gave of their time and talent. A sincere "Thank You" is extended to each one. Perhaps we'll see you again next year when the next series of corporal's service training courses will be conducted.

CORPORAL'S COURSE NO. 5



Standing, left to right-Cpl. Coslake REA, Cpl. Graham WO, Cpl. Thom AE, Cpl. Therien JCAJ, Cpl. Condon JK, Cpl. Strath DH, Cpl. Phillips JJ, Cpl. Martinusen RE. Seated, left to right-Cpl. Quelette PCM, Cpl. Staff DA, Cpl. Florence WJ, Cpl. Dunham AM, Taylor TWT.

GRADUATION CLASS 5614 R.O.



Standing left to right-F/C's Bard, Wall, MacGillivary Misewich and Cascadden. Kneeling left to right-F/C's Kelly, Dragojevitch, F/O Hollingsworth, F/C's Hopper and Olivier.

John Roddy

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Back Row left to right-P/O's Turner, Carter, Deighton, Myers, Coles, Kendall, Swaine, Tyler. Front Row left to right-F/C Friedel, P/O's Woodruff, McMenemie, F/O Ames, P/O's Hawkins, Ellington, F/C Watt

GRADUATION CLASS 5617 A.I.



Back Row left to right-F/C's Anderson, Thiessen, Wright. Front Row left to right- F/C Dougherty, F/L Sullivan (course director) F/C Leblanc.



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