

Sorry I have not written. Have been rushed for time.

WEATHER

LORE



NOVEMBER

1950

THE WEATHER LORE

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THE WEATHER LORE

A publication of, by and for the 6th Weather
Squadron

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THE EDITOR

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"HONEY, I WISH YOU WOULD BE MORE CAREFUL ABOUT WHERE YOU DROP YOUR SPARE CHANGE!"

THE C.O.'S CORNER

Major Ralph G. Suggs

TRAINING - Whose responsibility? The answer to this question is, of course, its yours and mine. Naturally, commanders at all echelons must assure proficiency in their units through continuous training. It is also each airman's personal responsibility to maintain his military and technical proficiency, as long as he is in the military service.

Much emphasis always has been placed on training; however, the present world situation and the foreseeable future demands the utmost from everyone of us, if our service is to do the job for which it is intended. To quote from FM 21-5, "Military Training," "The ultimate purpose of all military training is the assurance of VICTORY in the event of war." Everyone in the military service must realistically appreciate that the sole reason for the existence of our Armed Forces is the defense of the United States against any and all enemies. Both the commander and the airman's responsibility in this connection is believed quite clear. If you are not prepared, you will be unable to uphold your part of the bargain. How else can you be certain that you are prepared without a program of continuous training?

The most glaring defect in our training program is that, in a very real sense, there is none. True there is individual training - our technician schools -, but lacking is an organized unit training program. I mean by this, military training in the sense of firing of weapons, physical fitness, and the ability to live under field conditions; also training designed to continually increase the technical proficiency and knowledge of our airmen and officers.

As shown by recent world events, the gap in our training program is costly in time and money. We neither have the time or the money to waste. I know personally that weather personnel have both the ability and desire to improve militarily and technically; these qualities need only be developed and guided. Headquarters, 2108th Air Weather Group Letter 50-81, "Information and Military Training Program," outlines requirements for military training. This headquarters will closely supervise compliance with both the spirit and intent of this letter.

In addition, this headquarters will develop a series of technical tests covering the various technical specialties employed within this Squadron. These tests will be administered to both officers and airmen. Before negative attitudes develop, I am requesting that all of you approach this program with a willing spirit and open mind. This project will require full support and cooperation from everyone. Keep in mind that the tests will be designed as an aid and guide to increasing technical knowledge, not as a means of comparing one individual's proficiency with another. Because of the complexity of a program of this kind, it will be some time before the tests are ready, but further information will be furnished as the plan develops.

When the scope of AWS activity in the development and use of meteorological equipment, research, and daily application of meteorological theories, is thoroughly considered, I feel that a great opportunity exists for further career advancement, if the advantage is only recognized. From what I have been able to observe the seminars conducted by each detachment are gaining in popularity and participation. Their value is readily demonstrated.

ted when I visit the detachments and observe the greater interest in all phases of weather activity shown by the personnel. However, the overall training program must be expanded and intensified while the time is available. Our success in this new undertaking will depend on the willingness and cooperation of everyone.

* * * * *

ARMISTICE DAY-----IN MEMORIAM OF
By James J Metcalfe
We Do Remember



PORTRAITS

THEIR graves are not forgotten and ... They did not die in vain ...

But every act of bravery...Became another gain ...We still remember every deed...And every gun that roared...The ships and submarines that sailed...And every wing that soared...They were the gallant heroes of...That fateful yesterday ...When every hope was pinned upon...The mighty USA...And in this hour we recall...And we salute each name...And promise there will never be...The slightest cause for shame...For we will keep the stars and stripes...Forever at the mast...And there will be democracy...As long as life will last.

COURTESY OF MAIMI
DAILY NEWS

* * * * *

EDITORIALLY SPEAKING

Sgt Thomas C Renner

LETS GIVE YOUTH THE RIGHT TO VOTE

Since the early beginning of the World War II draft, this thought has become a standard cry of many Americans. Immediately such a statement brings repercussions from the older generation of die-hards. The old familiar howl of "they lack experience and maturity" is then sent up. But let's look at the facts.

The main objection that the older generations have against these 18 year olds being given the right to vote, is that they believe them too juvenile, to wear mother's apron strings, too unacquainted with political trends. But are they? In years long past the answer would have been yes, because of lack of sufficient communication and education. But now the situation has changed.

The average 18 year old is by far a better educated youth than dad or granddad were at that same age. They are well versed in political and international affairs because of advanced forms of education and communication. Schools, today, concentrate on political history, current events, and international situations. Radio, T.V., movies, and thousands of newspapers keep the 18 yr old constantly reminded of what is happening today, of what may happen tomorrow. The average 18 year old of today is better versed, better advised and has better judgment than the youths of other generations and their educational advancement is continuing at an even greater pace with each succeeding day.

It seems unfair that youths of this age must serve in the armed forces, go into combat, and even die for their country and yet still be de-

nied the right to vote for or against those who send him into battle.

Any boy of 18, in any State, can drive an automobile. This, from what I have been led to believe calls for a very serious, somber type of judgment upon which lives constantly depend. A girl of 18, in any State, can marry. Certainly the responsibilities of marriage are more numerous and more demanding than the responsibilities of voting.

Yet, in spite of these rights and privileges the 18 year olds possess, anyone under 21 is barred from voting except in the state of Georgia. This seems to be a very ridiculous setup, showing a lack of foresight and understanding.

This regrettable circumstance is just one of several inadequacies of our state democratic setup. With each year our learning, our education, our experience are supposedly applied to correcting such inadequacies. Yet this one prominent discrepancy remains unchanged.

In all fairness to these 18 year olds, the voting age should be lowered. Certainly with present day communications, the youths can be, and on the average are, better informed on most public issues than Grandpa ever was. Yet Grandpa, who may be deaf, blind, and senile can cast a respected vote, if he gets to the polls at all, while the young person, near the height of his learning capacity is barred from the curtained booths.

Not only is it common sense, but cold hard fact that a person old enough to fight wars, is old enough to vote in elections. Giving him the right to vote won't necessarily make government better, although it might. It will show him that the nation has faith in his good sense as well as his physical strength and courage.

OPERATIONS

Major Mark J. Brown

During the past month an Operational Staff visit was made to Albrook AFB to examine results of the merger between 6-1 and the Navy Weather Central. Informative discussions were held with Major Thompson, Lt Comdr Carpenter and Base personnel. The operation is progressing nicely and a reduction in authorization of our detachment seems called for. The weary Operations building at Albrook is bulging at the seams.

Also this past month we organized two new detachments, 6-33 at Grand Bahama Island, British West Indies, and 6-34 at Eleuther Is, BWI. These are our first acquisitions since 6-32 at MacDill early last spring. Personnel and equipment for these detachments are being obtained and it is expected they will be in operation early next year. Rotation from these outpost stations and other problems are not yet fully worked out.

Early in December we expect to combine attendance at a 373rd Weather Reconnaissance Squadron conference with a staff visit to 6-31 at Bermuda. It is planned that Capt Ellsaesser and Lt MacPherson of the Air Force Hurricane Office will accompany me to attend the conference on hurricane operation of the reconnaissance squadron while I will devote some time to our detachment.

Operations is actively interested in getting an adequate training program under way within this squadron. All military training is under the guidance of the Ground Training Officer and we will be principally concerned with technical

training. We are very desirous of obtaining comments from the stations on this subject. We are contemplating separate tests for the following SSN's: 8219, 787, 782, 784, and 942. Later we will get to administrative SSN's and sferics. Frequency of the tests has not been determined. We want to encourage anyone who has an idea for a type of test, specific questions, frequency and method of testing to put it on paper, and send it informally to the Operations Section of this headquarters.

* * * * *

QUIPS ABOUT THE PLACE

A drunk staggered out of a New York Cafe, mumbling to a uniformed man at the curb, "Shay bud, call me a cab." The uniformed gent indignantly said, "I beg your pardon. I'm an officer of the U.S. Air Force. The drunk, proving equal to the situation, said, "Thass all right, call me a plane then."

Many a woman who can't add can certainly deduct.

The number of multiple births is rising. This world has become so tough that babies, in increasingly larger numbers, are afraid to enter it alone.

Slave: "There is a girl outside without food or clothing."

Sultan: "Feed her and bring her in."

Sizes often are deceiving. Sometimes a woman's thumb has a man under it.

THE NEWS IN BRIEF

War, scheduled to end, is flaring up again. War turn, this time, seems bad, really bad. It puts U.S. up against some very hard decisions. War's duration, with Chinese Communists fighting, can be long. War end by Thanksgiving is forgotten. War, in Korea, now may become a super-Greece, or it may turn into something a good deal worse.

U.S., forced to fight armies of Communist China in Korea, will have to make up its mind whether to let a local war run endlessly or whether to strike at the source of trouble farther back in Manchuria. China's Mao, sending in his troops to fight United Nations forces, is willing to chance a big war.

And: China, chancing war, has a mutual-assistance treaty with Russia.

The choice that appears to be developing is this:

Ignore China's armies fighting in Korea, turn the head the other way and go on fighting just as if it was a continuing incident in Korea. Or force a showdown with Chinese Communists. Either they get out so war can end, or they take the consequences of engaging in war. U.S. official attitude is tending toward the first choice. Endless, even if local, war may be hard to sell to the American people, however.

With war taking its new, more serious turn:

Rearmament will be speeded, not slowed. Money for arms almost surely will be voted in amounts asked. Letdown, talked of, will not develop. Draft, of course, will go on. Goal of 3 million in the armed forces is to be kept. It is unlikely

to be cut to 2.5 million. Reservists, with new fighting, will face less chance of demobilization as 1951 wears on. Reserves still will face chance of call where not mobilized. There will be more order, more care in future calls. Specialists, in particular, are needed.

Events keep pushing U.S. back toward a war footing, much as people would like to go back to life as usual, with their minds on lighter things.

Controls, definitely, are to grow broader and to tighten. Price controls, very probably, will start by or before mid-1951. Wages will go under control where prices are controlled. Wage control, planners are coming to feel, is more basic at this point than price control. Salaries will be controlled whenever wages and prices are controlled. Raw materials are headed for definite rationing. Priorities, spreading, will not solve the problem of dividing scarce materials. Limitation orders, making specific cuts in use of metals, will help but aren't expected to solve the problem, either. Controlled Materials Plan, CMP, is on its way back. Rationing for individuals, however, is not now in sight.

U.S., if the truth is wanted, finds itself pretty much alone in a world that is very dangerous and apparently growing more dangerous. Britain, really, is the only dependable ally. France, it turns out, is honeycombed with Communists, dragging its heels on effective defense. Italy is very weak, internally divided, with Communist forces powerful. Germany is held down its man power and industry barred from any real defense role.

U.S. after pouring in billions of aid, now planning multiplied billions in military weapons, still cannot count on much help inside Europe.

Emphasis still is on the "gamme" side, with nothing much tangible offered in Europe. Big developing question is how long U.S. taxpayers will be content to put up billions, to accept higher taxes for themselves, give up things they would like to enjoy, in order to make life easier for those who find it hard to help themselves. U.S. diplomats continue to sing that all is well. U.S. military, however, with more practical problems to think of, is getting critical. Handout period in U.S. diplomacy is heading for some kind of test.

New cars of the future will be good cars. Skinping on materials isn't likely. War models stripped down, aren't in sight now. Car prices, with volume down, wages and materials up, are likely to be forced higher during 1951. Tires made of more synthetic rubber, still will be high in quality. There will be high-test gas for high compression motors, barring big war. Men's suits, overcoats, other wool products often will contain mixtures of rayon with wool. All new wool products will become more scarce.

The Congress that returns this month is a "lame duck" Congress. Many of its members won't be back in the next Congress that convenes Jan 3, 1951. A lame-duck Congress seldom accomplishes a whole lot.

Military services will get more money from the lame duck Congress. Money for military, 32 billions appropriated, may be increased by 10 billions. Tax-increases, however, seem unlikely at this session. Taxes, normally, call for long study, a good deal of debate. Four weeks may not be long enough.

Alaska-Hawaii might possibly be turned into

THE ALBROOK ALMANAC

T Sgt Earl A. Newman

EDITOR'S NOTE: This delightful little essay came in a little too late for last month's publication, however, it was felt that it was worthy of publication for this month's issue.

Seems like it's that time again. Time, that is, to spread the truth, the whole truth and nothing but the truth about this earthly paradise, this crossroads of the world, this land of perpetual sunshine, this land of milk and honey, this land of etc, etc. The foregoing statements come to you through the courtesy of the local Chamber of Commerce and do not necessarily represent the opinions of any person, living or dead. Could be that the reason that this part of the world is so green is not altogether climatic, but due in part to stuff like the above being spread around on the ground in liberal quantities. Could be. But it's not really that bad, you would be surprised how easy it is to learn the side stroke, or even a local stroke known as the Australian Wrench. It's not a hard stroke to learn, but it does have certain drawbacks; you very seldom get anywhere but boy oh boy do you splash the water around. But enough of this and on to greener pastures.

Last month we had a visitation. A small but deadly group of men from Hq, AWS descended upon us (the word descend is used advisedly in this case) for a few days to look over our happy little home away from home. They looked into every nook and cranny so close that they even found three termites with inflamed tonsils. Need-

The comings and goings have of a necessity, been limited to comings and while it had not been a steady stream by any manner of means, it has been a fairly steady trickle. We got a new supply man, a New Yorker by adoption and a Virginian by birth, S Sgt Steward. Two new observers, Pfc's Martin and Twomey and a Radar man, Pfc Raupp fresh from Keesler and happy about the whole thing. A big fat rumor has it that rotation is about due to start again and all the prospective rotatoes are having a hard time holding still.

The local transportation picture remains rather static at present with no purchases or sales contemplated in the near future. An old Hudson of somewhat doubtful vintage and ownership came out second best in a small argument with a tree. The tree remains firm, but shaken and who needs more than three fenders anyhow - gives the car a slightly rakish look.

That about puts the lid on the stuff for the time being - must have been a dull month for some reason or else everybody was too interested in the Series to do anything noteworthy. But Check this spot next month for another, perhaps, thrilling chapter in Adventures at Albrook or Not Guilty, Your Honor.

* * * * *

- * She was only a plumber's daughter, but everytime an airmen whistled at her, her cheeks flushed.
- * A man is as good as he has to be, a woman as bad as she dares.
- * Woman would be more charming if we could fall into her arms without falling into her hands.

THE CHAPLAIN'S CORNER

Chaplain R.L. Kasper

In the realm of morality and religion there is such a thing as losing one's life to find it. In fact, the ranking personalities of world history are precisely such men as have devoted their time and energies to some cause outside themselves.

Consider this striking contrast. In the fifties and sixties of the Christian era, Nero ruled the civilized world as the Emperor of Rome. The advantages of power and wealth were all his; but he used them all selfishly. At the same time a wandering missionary went from place to place in the Roman Empire to establish Christian churches. His name was Paul. He had none of the power and little of the wealth of the Empire. But what he had, his means and his talents, were all put at the disposal of the greatest cause of all, the extension of his religion. Today people call their dogs Nero but their sons, Paul. That fact is an eloquent commentary by history itself on the value of setting up as one's central loyalty some great cause outside of oneself.

Our own history records the names of many people whose basic drive was service. Our first President, George Washington, occupies such a prominent place all of his means and talents in our history just because they were put at the disposal of our nation when it was young. His personality casts its long shadow over our whole growth from a struggling Union to a great nation.

If you are looking for some central loyalty, therefore, you can do no better than to select some cause outside of yourself to form the key-

stone in the arch of your personality. It need not be a big one as in the case of Washington. Our position and our abilities may never give us the chance to be great personalities of American history. However, in our own little backyard are a thousand causes that need to be furthered, like helping the fellow in the barracks whose family is in need, like taking the time to visit the chap that's sick in the hospital, or adding that little personal touch to your work which makes it more than just a job for killing time. These we commend to you for adoption.

If you accept them, others will begin to see in you a part of the answer to the prayer which goes up day after day from countless hearts that are disturbed by the heartlessness of today's living, a prayer whose sentiments were once crystallized in the following words: "God give us men! A time like this demands strong minds, great hearts, true faith and ready hands;

Men whom the lust of office does not kill;

Men whom the spoils of office cannot buy;

Men who possess opinions and a will;

Men who have honor; men who will not lie;

Men who can stand before a demagogue

And squelch his treacherous flatteries without winking;

Tall men, sun-crowned, who live about the fog
In public duty and in private thinking."

* * * * *

A shoulder strap is a piece of ribbon placed so as to keep an attraction from becoming a sensation.

MIAMI MAELSTROM

Cpl John B. Hodges

If there is one thing I cannot stand, it is Artie sulking, and he has been doing just that since I forgot to mention last month that he was attacked by an octopus. If it seems strange that I forgot such an exciting to-do, its because you don't know Artie. His is such an explosive personality, I had forgotten all about it two days later in trying to keep up with him.

Perhaps the worst blooper, however, was that crack about no more hurricanes when within a week we were going through the now-famous hurricane that caught the city with its defense down. We enjoyed it to the hilt, especially the bunch who were caught downtown and had to fight their way back through the storm in English's famous waterproof Ford. They made it for the midnight shift fine; Duty Over All you know. We're especially proud of the forecasters, for while the downtown weather bureau was placing it elsewhere, they predicted the storm's course over the city. Don't say we're not on the ball down here! We've all had a grind this year, being our own AACs in addition to our regular work. Already we're shifting over to post analysis work, both on the present season and those of years gone by. But we're ready to drop everything should a belated blow show up.

Lt Kinball, don't you know the difference between a lizard fish and a barracuda?

T Sgt McClary was so happy over that new stripe he was passing out two cigars instead of one. The rest of us are still eyeing headquarters, awaiting the good word. Congratulations, Frank; maybe it'll help you win more of those famed

football bets. Money is changing hands around here faster than it does at the dog races.

I haven't seen the official report of the "surprise" inspection (they popped in on us 2 days early) which came off early in November, but I'm sure we came through all right. I think they came here early to get in on McClary's box of cigars.

There is an insidious campaign being waged here to break a man's spirit and lead him through the hoops. Cpls Hunkins and Bauer are engaged in incessant attempts to persuade, cajole, irk, force, or baffle Lt McPherson into flying them to Chicago for Christmas. Its a fencing duel between masters, but this time my money is on Lt Mac; his humorously tolerant brush-off is a masterpiece which has to be seen to be believed. Already I detect a note of dismay in our two gay blades' sallies. Looks like you chaps will either have to get hops or shell out.

To a certain Pfc who shall be nameless: if you haven't reformed by next month, the blaz-light of publicity shall fall upon your head. If you must spend all that money, throw a party for the boys.

With the end of the season the office is stirring as if spring had descended. Lt Kinball, Sgt Whitt and Sgt Martin are all going off to school, and others, notably Sgt Johnson, are hopeful. Almost everybody else plans to go home for most of December as a mighty wave of furlough requests flow into the office. In fact, I'll have to write this column from home next month. And of course speculation about possible orders transferring some of us out are rife, as they always are this time of year. It always starts out seriously and ends up with Paris, France and the Rue Pigalle. (And what a nice place to end up!)

OFFICER OF THE MONTH

Claiming distinct and distinguished relationship to the state of Massachusetts, Major Mark J. Brown Jr., adept at defending the honor of said plot of territory, steps into our spotlight for the month of November.

Born on 19 January 1919 in Framingham, Mass, Major Mark Josiah Brown Jr. began his academic work in Framingham High School in 1932 after years of arduous labor in that fundamental school of learning called grammar school. Experiencing the usual growing pains of schoolamentitus, however, did not phase him as he completed his four years study in stride.

In the fall of 1936, deciding that he wanted to major in physics in a higher institution of learning, Major Brown entered St. Lawrence University where he excelled scholastically as well as athletically. In his four years attendance at the University, Major Brown became an active member of the Beta Theta Pi honorary and the Sigma Pi Sigma fraternity, no small achievement in itself.

After receiving his Bachelor of Science degree in physics in 1940, Major Brown, noticing that war clouds were gathering, entered officer cadet training where he resultingly took eight months of Post Graduate work in Meteorology at the Massachusetts Institute of Technology. That was the beginning of a very successful and interesting military career.

On July 1, 1941 he received his commission to 2nd Lt in the Army Air Corp. As the war progressed, Major Brown went progressively upward in status, receiving his promotion to 1st Lt in April 1942, Several months later, 17 July 1942

to be exact, Major Brown began his first overseas tour in the Canal Zone. In less than a year's time, he received his promotion to the grade of Captain in January of 1943.

However, in that same year, Major Brown decided his talents should be applied elsewhere and so, on August 8, 1943, he entered Aviation Cadet Training. After nine months of the rigors and arduous training of the Air Cadets, Major Brown graduated on 15 April 1944. However, that same date was historic in another way, for on 15 April 1944, after receiving his wings, Major Mark J. Brown Jr. married Miss Beatrice Fairchild at the Post Chapel, Altus Field, Oklahoma.

Several months later, on September 21, 1944, Major Brown received orders for overseas shipment to Alaska. After spending several months in that theater he was reassigned to Randolph Field, Texas. However, no sooner than he arrived, he was again reassigned and shipped to Guam where he completed a number of combat missions. He returned from Guam to the U.S. and home on the 27 of May 1945.

That same year, on October 10th, he received his promotion to Major. From that point on Major Brown's history as a career officer is a matter of fact and conscientious work. Over a 2 year, (1946-1948) period, he attended such schools as Personnel Management, Air Inspection, and Radiological Defense. In between his period of training, Major Brown's family increased by one in the form of a baby girl named Susan Lee.

Continuing in his advancement, Major Brown succeeded in obtaining a regular commission to 1st Lt on 7 Dec 1944 although it was not intergrated until October 1948, and to Captain on 1 July 1948. A year later found him doing the

Continued Page 66

THE ADJUTANT'S CORNER

Capt Frederick W. Marr

Since the last issue of the Weather Lore a reinforcement for this section has arrived in the person of 1st Lt George Pruitt who has been assigned duties as Personnel Officer. Lt Pruitt has just returned from Japan where he had considerable administrative experience, but this is his first assignment to a MATS organization.

I enjoyed a recent Staff visit to 6-1 and particularly enjoyed meeting all the old gang in the C.Z. Things are pretty much the same as usual in that area. I was glad to see that administratively Albrook is doing fine. It was somewhat gratifying to find that one each T SGT at Albrook, who has been making all those disparaging remarks about Studebakers, was also the proud owner of a new, -- you guessed it -- Studebaker. What Happened?

One item worthy of mention to airmen who have had their enlistments involuntarily extended for one year is that they have only a short period of time to reenlist without sacrificing their travel pay, and lump sum settlement of accrued leave. This also applies to airmen who will, in the coming months, have their enlistments involuntarily extended. They will have no period of grace. Reenlistments, in their case, will have to be accomplished not later than the day after their normal expiration term of enlistment. This information has been disseminated to each detachment throughout the organization. If you have any questions ask questions through your Detachment Commander.



DID YOU KNOW

Service personnel visiting the New York area may find welcome and convenient facilities at a new Servicemen's Center operated by New York Freemasonry. Passes for radio and other shows and entertainment will be available. A rental service will be maintained for married personnel seeking living quarters. The address is 71 West 23rd St., New York City.

National Service Life Insurance is growing at the rate of 10,000 new policies a month, according to the Veterans Administration. The VA summary showed 5,629,798 NSLI policies in force at the end of August. Face value of all policies held by Servicemen and women and veterans of World War II is \$35,872,733,000 of which \$27½ billions is in term insurance and \$8 1/3 billions is in converted policies.

For one month, between Nov 15 and Dec 15, the National Basketball Association will conduct basketball clinics and exhibitions for troops stationed in the First, Second, Third, and Fifth Armies and the Military District of Washington. The clinics held, in which NBA teams play, will be conducted at the request of Army commanders. They will include instructions in fundamentals.

The original teletype message announcing the German surrender in World War II has been pre-

sented to Princeton University for preservation in the new Firestone Library.

The message, sent by the Army Signal Corps Center in Paris, was given to Princeton by State Supreme Court Commissioner Charles H. Roemer, of Paterson, whose brother, Leonard C. Roemer, transmitted it while serving as a Signal Corps Sgt.

A mobile X-ray unit with which canned foods may be tested without removing the cans from packing cases or other containers, is being tested for use by the Army Quartermaster Corps.

Should current tests confirm early findings, additional units will be supplied to Quartermaster Depots in which large quantities of canned foods are stored. Substitution of the new unit for present food examination procedures would result in estimated savings of \$30,000 monthly.

A new underwater motion picture camera for use by Navy divers was demonstrated recently. Developed at the Anacostia Naval Photographic Center, the new camera weighs 102 pounds out of water, but becomes almost weightless below the surface. Detachable wings and a vertical rudder can take it down 200 feet.

The Sampson, N.Y. Naval Training Station has been transferred to the AF for use as an indoctrination center. Inactive since World War II, the station is located on the east shore of Seneca Lake, midway between Syracuse and Rochester, N.Y. Under AF administration it will function in a manner similar to Lackland AFB, Texas.

Increased production of incendiary weapons will be undertaken by the Army at enlarged facilities at the Rocky Mountain Arsenal, Denver, Colorado.



AIR NEWS

The Medal for Humane Action, authorized for AF personnel who participated in the Berlin airlift for at least 120 days between June 26, 1948 and September 30, 1949, will be available for distribution about November 15. AF personnel eligible should apply in writing through channels of the Awards Branch, Office USAF Director of Personnel, USAF Hqs, Washington, D.C.

Lackland AFB, Tex., aircraft flew 15,799 hrs during the past year without an accident. Lackland's AF indoctrination wing was rated fifth among all USAF installations for flight safety during the first quarter of 1950.

Blue overcoats for AF airmen now are available throughout the commands for distribution, USAF headquarters has announced. Approval by the Secretary of Defense is expected within the near future to permit exchange of OD overcoats for the new clothing item. Meanwhile, it was revealed that the AF plans to have available for distribution by March 1, 1951, summer uniform items for women in the AF. USAF also hopes to have available by Sept 1, 1951, items of the blue uniform for distribution to WAFs.

The AF's Air Research and Development Command established as a planning unit last January, is scheduled to start operating as an independent major USAF Com and by next May 15, the AF announced recently.

HEADQUARTERS SYNOPSIS

Sgt Thomas C. Renner

Now that the "sunshine state" has settled back to normal, the streets are no longer flooded, and hurricanes no longer cause tears of anguish to flow from the eyes of many car owners, we can settle back and attempt to find what most tourists like about this climatological paradise above the equator.

Results of the hurricane that struck this "happy" little base have been sadly added by many of those who dared to own an automogofaster. The net result was that several cars throughout the squadron, including mine, were in dire need of paint jobs.

Several of our "wayward" furlough vacationers returned this week looking happy, tired, and completely broke. S Sgt Art Johnson and Sgt Don Bilman returned from an interesting "tour" of the "West Coast" during which time they took to farming. Seems they needed gas. S Sgt "Wings" Marino and (please note) SGT Ronald D. LaPalme arrived from a rather "unusual" 30-day furlough in Mass. These New Englanders really know how to enjoy themselves. Capt Joe B. Jordan and family returned from a 20-day furlough in (please, I'm not joking) McCall Creek, Miss. From outward appearances and flagrant rumors, the good Capt has added some cattle to that expansive farm of his. Ah, -to be one of the elite!!

Promotions were in order to several members of Hqs this month. Our "notorious," or should I say "famous," or maybe I should say nothing, Supply Officer, Eugene K. Helehan received glad tidings of his promotion to Captain. These oversized railroad tracks with the neon light attach-

ments are really something to see. Another member of supply, Sgt Ronald D. LaPalme, also received a promotion. Seems like supply is always in the act. Not to be outdone, yours truly slipped by and made Sgt.

Another used car has been added, or maybe it should be subtracted after Major Brown learns of how much oil it burned in Marino's drive from Mass. Said automogofaster (that's a compliment) is a '38 Pontiac Coupe of questionable origin. Oh well, to each his own!!

A new member, 1st Lt George T. Pruitt, arrived from Air Weather Service to assume duties as Personnel Officer for this Headquarters. Interestingly enough certain members of supply have unsuccessfully tried to indoctrinate him in their "interesting" noontime game. Hold out Lt, hold out.

Two new stations were added to this Squadron effective November 1. Detachment 6-33 in Grand Bahama Is, British West Indies, and Detachment 6-34 at Elouthral Is, B.W.I.. Get set men, these are those new "downrange" stations. Ah, sweet mystery of isolation, you have found me!!

Our hats are off to that daring combination of Det 6-30 and Headquarters whose "Rainmaker" squad, under the able leadership of Lt McMillan and M Sgt "Championship" Hoover, copped the Patrick AFB Softball Championship by defeating the Army Command in the final game by a 5-2 count behind the 3-hti pitching of Sgt Dan Casey. For the "dear old 6th" it was their 2nd softball championship in a year, the other coming from Albrook under the Headquarters--Detachment 6-1 combination. The "Rainmakers", incidently, didn't lose a game in the Playoffs as they swept the opposition clean, coming on top with a 4-0 record in the Playoffs.



THE SPORTING WORLD

FOOTBALL

Football continued to be the most unpredictable sport of the year, as one major college after another was upset by lesser rated schools. Time and again the experts were stumped and undefeated teams continued to topple from the top 20 ratings.

Notre Dame, picked by the experts, at the seasons' beginning, as the top team in the nation, continued its disappointing season. After being handed its first defeat by Purdue, it was unceremoniously toppled by Indiana and Michigan State. To add to the ignominy of their record, even Iowa U, underdog of the Big Ten, pushed across a 14-14 tie, thereby finishing the Irish myth.

Miami University, who gained national fame by dumping Purdue, continued its undefeated record as it dropped Georgetown, Boston U., and Florida U. However, they too suffered the pangs of near defeat, as little heard of Louisville gained a 13-13 tie with them in one of the big upsets of the month. It was very definitely a moral victory for the small college from Kentucky.

In the Big Ten Conference, Ohio State, leading team of the conference, and at one time rated No. 1 in the nation, was buffeted around by a spirited Illinois Team 14-7. The Illini thus became the choice for the Rose Bowl Contest on New Year's Day.

Elsewhere around the nation, Army and Oklahoma continued their undefeated, untied string. However, both teams suffered severe scares as Stanford barely lost to Army 7-0, and Colorado University scared Oklahoma for three quarters and finally lost out 27-18. It still looked a cinch for the two teams to finish with undefeated records. Oklahoma, however, was faced with a possible post season game in the Cotton Bowl with Texas who they just barely got by 14-13.

The Southwest conference looked like the oddest conglomeration of rated teams in the nation, as they repeatedly knocked each others respective heads off in Conference play. SMU, roaring down the stretch, looked like a cinch to take the conference. Texas, however, had other ideas and thus defeated them 23-20. Texas A&M took matters into their own hands and beat SMU 25-20 hoping for a tie with Texas and thus eliminating SMU. All the top flight sport forecasters then picked Texas A & M to upset Texas and take the conference, however, unexpectedly Rice dumped them by a neat 21-13 count, thereby eliminating them and putting the conference title in Texas' lap.

* * * * *

Teacher: "How do you pronounce f-e-e-t Johnny?"

Johnny: "I don't know."

Teacher: "What is it that I have two of and a cow has four of?"

Johnny proceeded to tell her.

6TH WEATHER COPS TITLE
Defeats Army For Base Championship

Winning their first three games of the Championship Playoffs, the 6th Weather "Rainmakers" added the finishing touch as they trounced the Army Command for the 2nd time by a 5-2 count behind the three hit pitching of Sgt Dan Casey.

Taking a 2-0 lead in the 1st inning, the Weathermen were never headed as they battered a chagrined, but game Army team to defeat. 1st Lt Westholm, after pitching a 1-0 no-hit game against the Air Force, enabling his team to battle the weathermen, just wasn't able to stop the "Rainmakers" onslaught as the outcome became more apparent with each succeeding inning.

It wasn't until the 3rd inning that the Army team scored. Capitalizing on 2 walks, 2 errors and 1 lone hit, the Army boys pushed across two runs to bring the count to 3-2. That, however, was as close as they ever got, as Casey settled down and took complete control of the situation.

The top of the 5th saw the "Rainmakers" put the final damper on the Army Command as they scored two more runs, giving the game a 5-2 icing. However, a rather "unusual" rubarb developed during that same inning. Army Command made the claim that the game was a 9-inning contest, Weather disputed. After much discussion, tension, and red faces, play was resumed in favor of the 9-inning rule. The rather unusual dispute, however, made little difference, as Sgt Casey tightened his belt and held the Army team scoreless for the next four innings.

Fielding gem of the day was performed by S Sgt Bailey of the Army team who robbed Sgt Casey of a base hit by making a one handed jumping catch of a line drive to right field.

Leading hitter for the "Rainmakers" was 1st Lt McMillan who collected two hits while batting across three runs.

For the members of Headquarters, it was the second time in a year that they had teamed up with one of the detachments to win a base softball championship, the other being at Albrook. The Headquarters and Detachment 6-30 had also previously tied for second place in the Melbourne Softball League.

SCORE BY INNINGS

	1	2	3	4	5	6	7	8	9
6th Weather	2	0	1	0	2	0	0	0	0
Army Command	0	0	2	0	0	0	0	0	0

Winning Pitcher: Casey Losing Pitcher: Westholm

Runs	Hits	
5	7	6th Weather
2	3	Army Command

* * * * *

A little boy went to school for the 1st time and the teacher explained to him that if he wanted to go to the washroom at any time, he should raise his hand. He looked puzzled for a moment and then asked, "How's that going to stop it?"

MACDILL MEMOIRS

S Sgt Robert L. Smith

Greetings from the shores of Tampa Bay, the Land of Bugs.

I guess everyone will be surprised to see this article because it is the first one from this station for a long time. We have had no one to write them. Now the men have talked me into doing them, so here goes.

To bring things up to date here at the Detachment I will begin a little summary of the passing events.

S Sgt Weldon and yours truly started things off by entering the state of matrimony in August. In June we had inspection by Squadron Headquarters headed by Lt Holtzscheiter. During September we had our first taste of hurricanes, the storm passed 30 miles west of this station. The boys had to get up at 12 mid-night and move all equipment to the Base Hangers and remain at the hanger overnight. The hurricane also brought me a little sorrow, by having the right front fender of my car torn up by a woman who signaled for a right turn and then turned left. Now I have a lot of respect for all women drivers. Also in the month of September, Cpls Trimble and Richards were promoted to the rank of Sgt. The cigars flowed from Richards, but it took us till the end of the month to get Trimble to pass them out.

The used car lot of Capt Millers has dropped to just three cars. These are S Sgt Reinhardt's, S Sgt Weldon's, which now, by the way, is a '46 Lincoln like Capt Millers, and mine. Sgt Barnes, Knupp, and Trimble have gotten rid of theirs, the later doing it the hard way when he hit a lamp

post that was drunk and walking down the middle of the street. Sgt Barnes bought himself a wreck of a motorcycle and it sure is a great piece of machinery. Oh yes, Cpl Hill still has his Chevy.

The month of October was the scene of one more hurricane and that one was supposed to hit, but to our liking it did not. The one that hit during this month was not too heavy around here.

Sgt Knupp is enjoying a 30 day leave in the old coal mining state of Pennsylvania. (we hope)

During this month we did not do too good here at Tampa in the sferics observations. The net could not read us, but we are doing a great deal better now.

Well I think that sums up pretty much what happened around here of any interest. So until next month we will say AU REVOIR.

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MESS

Onions, Carrots, and "Re-enlisted" potatoes;
Corn and Peas and leftover Tomatoes.
Beef-bits, Pork Chops, and Beans Called Navy;
All boiled together in a pan of gravy.
"Stand in Line" and hear what I say;
"This isn't the 'garbage,' it's chow for today."

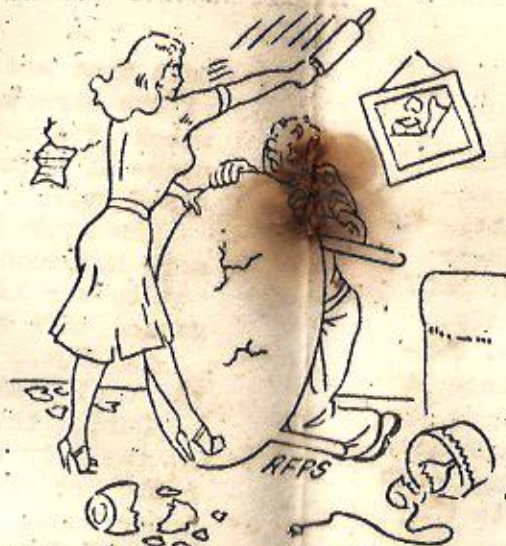
A reluctant Airman

* * * * *

As the little donkey left home to make his mark in the world, his mother tenderly said, "Goodbye Jack. Please try to make an ass out of yourself."



"WHAT! GIVE ME A TICKET AFTER ALL THE TROUBLE I HAD GETTING IN HERE?"



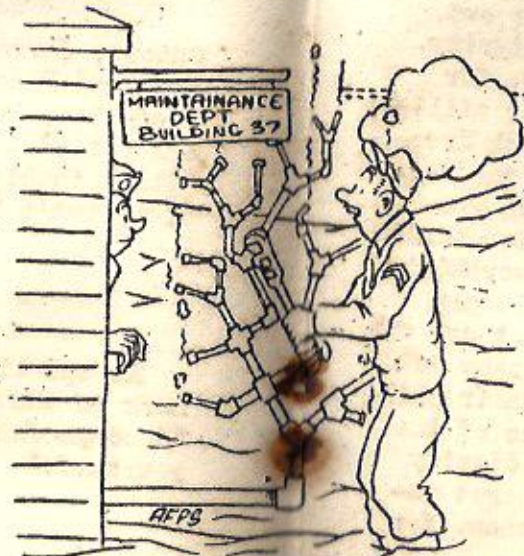
"STOP SCREAMING LOUISE! SOMEBODY MIGHT THINK I'M BEATING YOU!"



"I'D LIKE A SMALL ECONOMY SIZE OF SOMETHING!"



"WE SHOULD HAVE GONE ON LEAVE IN FLORIDA!"



"I HOPE THE BIRDS LIKE THIS STEAM-HEATED TREE!"



"IF HE DOESN'T ANSWER WHEN YOU PAGE O.L. EAGLE, CALL ON OVERUS LAKA-BALD EAGLE!"

In 1621 the Pilgrims started what we know now as Thanksgiving Day. On that historic moment these same Pilgrims, courageously battling savage indians, found time to raise their heads to God and give thanks for what they had. Today the position has only changed slightly, for we are now battling the dread cloak of Communism in order that free men shall continue to live their lives without fear of oppression. We too should raise our heads to God and thank Him.

It's true that this year's Thanksgiving isn't the happiest America's known. Yet, despite the shadow that hangs over the world today, we in America have much to be thankful for.

In a world where millions have lost their freedom, we are still free to speak our minds, to choose our life's work, to worship at the Church of our choice, to bring up our youngsters in our own way, to vote honestly for our own form of government...to live in human dignity.

Yes, we have much to be thankful for, for while we enjoy these God-endowed rights, millions of people elsewhere do not know what such freedoms are. These are the oppressed, the subdued, the conquered peoples of Europe and Asia who have no choice but to live under the dictatorial might of totalitarranism. They cannot worship in churches, for the church of God no longer exists in their countries. They dare not cry out against their form of government lest they be imprisoned in slave camps or killed. Their children are raised according to the wishes of the State, not of the family. Their human dignity has been erased by the government's secret police. Thanksgiving is meaningless to them, for

they have little to be thankful for, yet they dare to hope, to pray, that someday they too can live as free men. Their inspiration is America and the will of freemen to thrust their heavy shackles of oppression aside.

Throughout the years, our freedom has made possible progress that has amazed the world. A better standard of living — more leasure — better homes — conveniences of modern living — more and better food — opportunity to get ahead — and greater security for the future.

Exaxtly four score and 7 years ago, on November 19, 1863, Abraham Lincoln made his famous Gettysburg Address. It is now, perhaps, the most famous speech in American History. This address reiterated the history of our country's fathers — the God-given right to freedom and equality of mankind to which our lives, our country and its principles are dedicated. And yet, 67 years later, in a world torn by indcision, hate, and greed, man, the world over, cannot fully realize the meanings of those words or of freedom and the peace found in working and living together. It is this failure that makes our world the unsettled, tormented place that it is.

So when we sit down to that Thanksgiving Turkey with all the lush trimmings and rich foods, let's stop for a moment and think and pray for those who are not fortunate enough to enjoy these luxuries. Let us have hope that sometime, someday everyone will be able to sit to such a dinner and say, "Thank you God, for making me free."

THE EDITOR

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THE GAS BOX

- LOST:** T Sgt, now Mr., Dave Kennedy to civilian status via the hardship route.
- FOUND:** 1st Lt George T. Pruitt, Personnel Officer of Headquarters whose recent arrival has lightened the hearts of many members of Personnel.
- HEARD:** S Sgt Panzica is doing a landoffice business in barbering each Thursday evening since his wife arrived. Ah, these talented specialists.
- SEEN:** Capt Jordan returning from a 20-day furlough with that "farmer's Twinkle" abounding in his eye.
- LOST:** S Sgt Joseph MacKissic, Sgts Dan Chadwick and Eugene Pearson to school at Keesler AFB, Miss. Good luck, fellas.
- SEEN:** Sgts Gove, Renner, and LaPalme in a mad scramble to borrow shirts with stripes.

Sgt McFarlin. Even the cigars were a bit late boys! Must be this new tax increase they heard about.

- FOUND:** Capt. Helehan bent over his desk, industriously polishing those new railroad tracks. My how rank goes to some heads.
- HEARD:** Sgt. Renner is again having car difficulties. His motor necessitated not only an overhaul, but the body needed a paint job after the last hurricane. Needless to say, the paint job is still pending.
- FOUND:** Sgt. "Olie" Olson returning from Supply School in Denver, Colorado mumbling something about the "chickens" that are being raised their now.
- FOUND:** Another used car to the Hqs parking lot. in the form of a '38 Pontiac (our apologies to Pontiac Dealers) Coupe. The owner claims no resemblance to automobiles currently to be seen on the highway. We understand it is one of the latest style "oilburners" from France. Is that true, Major Brown?
- SEEN:** Several members of the Weather Detachment at Patrick and Hqs escorting those strange creatures called women to the latest Gene Krupa Dance sponsored here at Patrick.
- HEARD:** Former S Sgt Huckaby, now student "Huck" at college, wishes to be remembered to all his friends in the Squadron.

PEOPLE ARE FUNNY

WESTON, ONT.— Two policemen who gallantly pushed two teenaged girls in a stalled car for nearly a mile decided as a matter of course to ask for a driver's license, got suspicious when neither girl had one, checked up and found that the car was stolen.

RICHMOND, CALIF — The purring of his engine made Cicero Wilkerson quite happy. But soon the purr changed to an undecipherable racket. Upon lifting the hood, he found a cat and three kittens hopping on the hot engine block.

FARIBAULT, MINN — A local newspaper printed the following advertisement: "Wanted to Rent—Six year old boy desires four-room apartment. Has no children or pets, just parents..."

MEMPHIS, TENN — Ask Bob Trundle what his girl friend's name is and he'll probably stick out his tongue. Don't hit him though. Her name is tattooed on the tip of his tongue.

MERIDEN, CONN — A radio show M.C. handcuffed a lady to a male guest for a gag. After the show it took police and a locksmith two hours to separate them. The original key broke in two.

LONDON, ENG — In London, a mouse scampered up to the feet of a policeman. The officer halted traffic and escorted the mouse across the street. Traffic resumed its course and the mouse meandered off.

GALESBURG, ILL — A whisky bottle was found with a mouse inside recently. Not only was the rodent tipsy, but his tummy had expanded so much he couldn't get out.

TERRE HAUTE, IND — Air Force recruiters here thought they were quacking up, when they heard the new enlistee's name—Pvt Donald Duck

THE HUMOR CORNER

Some girls are like cigarettes: they come in packs, get lit, make you puff, go out unexpectedly, leave a bad taste in your mouth, and still they satisfy.

The feature at the cinema was one of those steam heated affairs with a sultry heroine looking hungrily at the handsome hero. After some minor plot preliminaries, they went into a terrific clinch.

For fully five minutes they remained wrapped up in each other, lip to lip, and rush to rush.

Suddenly a small voice piped up from the audience. "Mommy, is it now when he puts the pollen on her?"

Limey: (to girl in saloon) "Are you 'aving one Mary?"

Mary: "No, it's just the cut o' me coat."

On Drink

T'was one night in October,
When I was far from Sober,
To stagger home I vainly tried.
But my feet began to stutter
As I laid prostrate in the gutter,
And a little pig came and laid down by my side.

Now as we lay there, singing
As when old friends get together,
A lady passing by was heard to say,
"You can tell a man whose been boosin,
By the company he's a choosin,"
So the little pig got up, and slowly walked away.

Topic Tropics

ROCKETEER'S BLAST

This is the initial article of a series in which the section heads of this detachment will outline the function, various work requirements and accomplishments of that particular section.

First, the Detachment Commander, upon assuming command, ascertained the future meteorological requirements of the Long Range Proving Ground and Patrick AFB. The below listed specialized sections were then established with personnel being interviewed to determine personal interests, and aptitudes, with sectional responsibilities delegated accordingly. This is proving to be very practical in fulfilling the many various requirements with a minimum of personnel.

Names of Key Personnel:

- a. Capt Leonard A. Gamage - Detachment C.O.
- b. Capt Lloyd L. Behrendt - OIC Operational Forecast Section.
- c. Capt Vernon C. Greene - OIC Long Range Forecast Section.
- d. 1st Lt Arnold D. Herscher - OIC Oceanography Section.
- e. 1st Lt Thomas A. Prizio - OIC Ballistics & Climatology Section.
- f. T Sgt Ferdinand E. Hopper - NCOIC Radar Section
- g. S Sgt Charles R. Kennedy - NCOIC Rawinsonde Section
- h. S Sgt Jean C. Roysc - NCOIC Observing Section
- i. Sgt Walter N. Loneau - NCOIC "D" Station at Cape Canaveral.

The climatological section was one of the first called upon to support the mission of gui-

ded missile research. This section is organized to be self sustaining. All climatological data believed necessary to meet present and future requirements will be permanently filed. In the near future, after all the requested raw data from the data control unit is combined with the existing data at this detachment, this section will be well equipped to provide nearly any type of climatological study requested. Attendance at base technical conferences indicate that this section must be prepared to make studies within prescribed time limit of types never before made. For this reason all possible data must be immediately available.

The initial requirements fortunately have been relatively simple in nature although a tremendous statistical task. The long range plans for guided missile research require a thorough knowledge of surface wind data. Consequently, the first study consisted of compiling the necessary data for the preparation of surface wind-roses. Diagrams for each month of the year in addition to the annual mean were then prepared and presented to the base photo laboratory for reproduction. The individual months were then bound in booklet form and presented to a representative of technical operations.

This section is currently doing research on radar propagation forecasting. Very little is known on the subject, however, past AMS bulletins have proved a valuable guide in directing our activities. In passing it is added that old AMS bulletins have proven to be of great benefit in answering some of the unusual problems presented to date.

A quick look into the future reveals a few of the following studies on the agenda unless fur-

Continued P 64

RAMEY RECORD

Capt Daniel O Rodgers

A sudden rash of shiny new automobiles has been manifested in the last few weeks. Capt. Easley, M Sgt Carr & Adams all have new Fords, S Sgt Smiley and M Sgt Bair have new tube-bakers and Capt Emmert has a new Chev. Jet. Possibly because of the new income tax law, Capt Rodgers decided he couldn't afford a new one. However, his old faded red job now sports a new paint job in the most bilous shade of green imaginable.

As yet the income tax law has not been felt here, but that time is quickly approaching. Effective with the January payroll, standard monthly deductions will be made. The big bite comes, however, on March 15, when all income taxes for 1950 will be due.

The hurricane season for 1950 seems to be safely over without any untowards meteorological manifestations at this station. Two minor alerts, with both storms ultimately missing us, was the score for the year. Sgt Twitchell has expressed his disappointment in not having experienced an "Honest to ---" hurricane. However, your reporter prefers them far far away.

Major Brown made a visit here during the month to survey the requirements prior to a possible recommendation for reclassification. Any visit from other headquarters personnel is always looked forward to. Personal discussion of the ever prevalent, irksome minor details usually eliminate what are sometimes vexing problems to lower echelons.

The detachment softball team is not setting the league on fire. It is managing to hold its

position near the middle of the list; performing brilliantly on occasions and like the veriest tyros on other. The lack of a really first class hurler is what is felt mostly. All other positions are quite ably filled.

The Sferics detail have been very busy painting, sawing and hammering in the preparation for their move across the field to their new location. The only thing that possibly can bother them where they are now is rats, or AP's.

* * * * *



"HOW DOES THE TUBA PLAYER DOWN STAIRS LIKE THAT?"

NEWS FROM ROBINS

S Sgt William D. Connolly

Another month has passed and once again we bid hello to our friends of the Air Weather Service.

The station averaged 97.6% for participation in runs by completing 121 out of a possible 124 sferics runs for the month of October. This is the best record to date for this detachment.

Formally speaking, our detachment along with other organizations of the base is actively engaged in a periodic refresher course of KP and guard duty. No comments, Please!

Two new members have been assigned to our organization. S Sgt Ernest Adkins who is a recent graduate of Rawinsonde Technician School and Pfc Donald Scraggs, radio mechanic, who was transferred from Lackland AFB, Texas.

Cpl Jesse "Clen" Carriker was promoted to Sgt on 19 October which well accounted for that stratus-like layer of cigar smoke about the station.

Speaking of promotions, it is indeed gratifying to note that all airmen of this detachment recommended for promotion as of 31 October have been promoted. Here's hoping that this splendid record can be continued.

A steak and beer party was sponsored by Captain Key, our Detachment Commander, and was held at the barbeque pit opposite the sferics station. A wonderful time was expressed by all. Hiya John, glad to see ya!

Well, looks like it's time to start hunting turkey, so will see you all next month.

RAWIN HEIGHTS

Analysis of Heights attained by Upper Air Stations of the 6th Weather Squadron During the Month of October 1950.

STATION	NO. RUNS	AV HEIGHT	MAX HEIGHT
<u>RAWIN</u>			
ALBROOK	124	39,865	104,448
PATRICK	48	43,345	102,683
KINDLEY	115	36,939	87,428
<u>RAOB</u>			
ALBROOK	117	39,514	104,448
PATRICK	121	54,584	117,359
KINDLEY	122	44,276	123,547
<u>RAWIN (RADAR)</u>			
PATRICK	71	42,396	98,400
	* * * * *	* * * * *	* * * * *

EVERYTHING UNDER CONTROL

How smoothly, how calmly the office is run,
 How easily everything's getting done.
 There's none of the usual bicker and yammer,
 No haste, no confusion, no friction, no clamor.
 No wrangling, no jangling, no errors today...
 Efficiency reigns---The Boss is away!!!

MISSILE GUIDANCE

Brief History and Development of Guided Missiles

Part I ROCKETRY

EARLY HISTORY

Like the history of many other instruments of war, the early history of rockets, missiles in effect, is lost in antiquity; moreover, the origin of ideas concerning many subsequent rocket inventions cannot be found.

The first hint of the reaction idea is contained in the rather vague legends of the Flying Pigeon or Archytas. Built about 360 B.C., this pigeon, a wooden bird suspended by a string, was made to fly by a jet stream of compressed air. However, the story of Aeolipile, invented in 53 B.C., by Hero, a philosopher of Alexandria, offers more concrete information.

It was a jet or reaction engine which included a boiler, something like a covered vessel or pot, filled with water and placed on a tripod affair over a fire. A hollow metal sphere, that pivoted and bent at right angles to form an axle, was placed above the boiler. Two nozzles, extending from opposite sides of the sphere, were bent at right angles to the hollow axle. Steam, produced by heating the water, was forced up through the hollow axle into the sphere. The steam pressure built up in the sphere caused jets of steam to be spurted from the nozzles.

The jets streams soon developed sufficient thrusts to whirl the metal ball on its pivots. The underlying principle of the steam engine, gas turbine, and even of the jet-propelled plane of today, can be readily seen in Hero's idea. However, little thought was given to the Aeolipile by scholars and philosophers of that day, because of an abundance of slave labor.

It was not until approximately 13 centuries later, in the 1232 A.D., that practical use of the jet principle was made by the Chinese who fought the Tartars in the battle of Pien King. The account of the battle tells how the Chinese defended their city using "arrows of flying fire." The weapon was an arrow with a rocket propelling device tied to it, a true rocket in which the propelling charge sent the weapon on its way.

During six or eight generations following the Chinese "fire arrows", it appears that some progress was made in ballistable mixtures. Among other combinations, a mixture of charcoal, sulphur, and saltpeter was developed. These three substances when mixed together have perhaps a greater effect on the history of mankind than the combination of any other three chemicals. This combination furnished the first gunpowder.

It was not until the 17th century that significant progress was achieved in understanding the jet principle. Sir Isaac Newton (1642-1727) who stated the relations of force to motion in his three famous "laws", embodied his third law of motion, "for each action there is an equal and opposite reaction," in his own jet-driven wagon, a spherical boiler with a long neck projecting from the top forward the rear and mounted on wheels over a fire pot. Although these experiments had sound scientific reasoning, no significant developments as military weapons were made until the early part of the 19th Century.

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PROMOTIONS

Effective 31 October 1950

TO CAPTAIN

1st Lt	4000	Eugene K Helohan	Patrick
1st Lt	8219	William K. Byle	Kindley

Effective 19 September 1950

TO TECHNICAL SERGEANT

S Sgt	826	William L. Davis	Patrick
S Sgt	756	Frank D. McClary	Miami Int.

Effective 19 October 1950

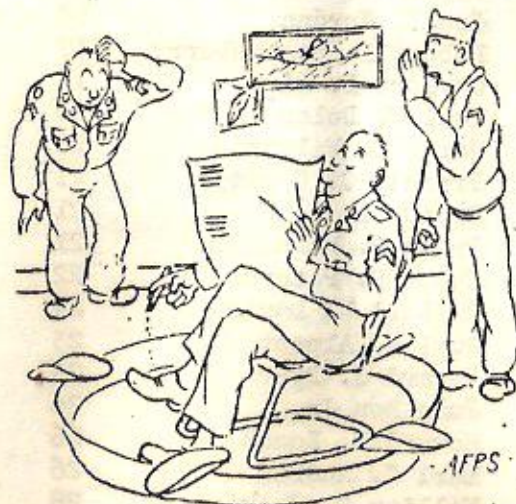
TO STAFF SERGEANT

Sgt.	784	Donald N. Banks	Patrick
Sgt.	756	Donald P. Ratliff	Robins

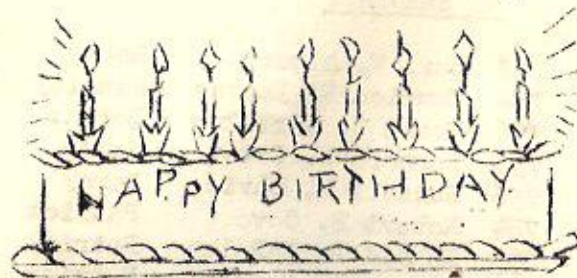
TO SERGEANT

Cpl.	756	Burl W. Alpert	Raney
Cpl.	784	Maurice H. Backus	Kindley
Cpl.	756	Jesse C. Carrikor	Robins
Cpl.	756	Bernard W. Caton	Raney
Cpl.	756	Russell W. Davis	Raney
Cpl.	784	Robert E. Gove	Patrick
Cpl.	835	Ronald D. LaPalme	Patrick
Cpl.	835	Thomas C. Renner	Patrick
Cpl.	756	Charles O. Rodgers	Raney
Cpl.	782	Ray E. Sharret	Albrook
Cpl.	942	Owen H. Sullivan	Albrook
Cpl.	784	John G. Wondzell	Kindley

* * * * *



"A NEW FEATURE FOR OUR DAY ROOM!"



Sgt.	Bernard W. Caton	3	November
T Sgt.	David V. Kennedy	3	"
Cpl.	Gerald J. Schower	5	"
Sgt.	Ronald C. Richards	7	"
Pfc.	Edward P. Victus	7	"
S Sgt.	Victor L. New	13	"
Capt.	Joe B. Jordan	15	"
S Sgt.	Robert E. Stooksberry	17	"
Sgt.	Gaylord L. Birk	18	"
S Sgt.	Paul W. Dolan	20	"
Capt.	Merlo E. Wilson	20	"
Sgt.	Francis C. Gority	21	"
Sgt.	Cletus L. Hoko	21	"
Cpl.	Frank P. McDaniel	21	"
Sgt.	James P. Peterson	22	"
Sgt.	Russell W. Davis	24	"
Sgt.	Burl W. Alpert	25	"
Cpl.	Howard S. Dyer	25	"
Sgt.	Juan Bou Jr.	26	"
S Sgt.	Howard E. Leach	26	"
Cpl.	Earl C. McGraw	26	"
T Sgt.	William C. Hoskins	28	"
M Sgt.	Arthur J. Sharman	28	"
Sgt.	Jeremiah F. Lynch Jr.	29	"
T Sgt.	Frank P. Scruggs Jr.	29	"
WOJG	Ernest W. Wilson Jr.	29	"

"MILITARY PAY ON AN HOURLY BASIS"

The fact that current military pay rates are pretty good is sometimes overlooked, so the Department of Defense has published a chart offering fair testimony of pay on an hourly basis.

It was first published last winter, but is worth repeating now that the induction of men into the armed services has recently been put back into effect due to the Korean situation.

Titled the Average Hourly Military Pay and Allowances Rate Table, the chart lists the average rate of basic pay and allowances, and senior incentive pay, for each rank in the US military Service.

According to the chart, the average M Sgt draws in base pay and allowances, \$1.95 per hr; the average T Sgt, \$1.69; the average S Sgt \$1.50. Bucks get \$1.25; Cpls \$1.08, Pfc \$0.96 and Pvts \$0.95.

Discounting allotments, income tax and similar deductions, these are cash on the barrel-head, across the pay table figures and do not include the elusive but highly substantial valuations of board, room, medical care and other benefits that go to each serviceman. Reckoning these extras at a conservative 35 cents an hour, a private's hourly wage becomes \$1.30 and all other ranks go up accordingly. Flying pay, other hazardous duty and overseas pay, not being included in these figure, would further increase the total.

The Cloudgazer's Gazette
210th Air Weather Group

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Don't keep telling the girl you are unworthy of her. Let it be a complete surprise.

BERMUDA MUSE

Juan De Bermudez

October in Bermuda is usually a month to rest up from the summer sun and enjoy the hurricanes, but this year, it proved to be a month that had many activities, and kept all busy throughout the month.

Football, as always led the parade of sports, and Kindloy AF Base is doing its best to produce a winning team. Sgt Hansen of the detachment was the first man to score a touchdown for Bermuda this season, and from the prospects, he will very possibly score many more. Sgt Sapp is also on the team, working at the Guard position.

Other sports are practically forgotten for the present, except for the beaches, which are always loaded to near capacity.

Promotions, promotions, promotions - seems that we are being flooded; but don't stop - we love it! Those for September were Cpl Hallacy and Holmes to Sgt. The October promotions were received by TWX and stated that Sgts Doyle and Ratliff were promoted to S Sgt and Cpl Wondzell was promoted to buck, and all was well. However, when the special orders arrived, it was noted with great joy to a certain Cpl Backus, that he was no longer a Cpl, but had been promoted to Sgt along with the others.

Recent additions to our detachment are Cpls Lane and Diltz. Cpl Lane comes from 8th Weather Squadron, while Cpl Diltz arrived from the 867 Radar Technician Course, at Keesler AFB. Sgt. Slaby also arrived, having recently graduated from Radar School.

October also gave a visit by Col Peterson and the Squadron Air Inspection team. Col.

Peterson, was on a routine staff visit and stayed in Bermuda for three days. The week after his departure, the Squadron arrived, and stayed for four days. Major Suggs, the Squadron Commander, accompanied the inspectors on their quarterly inspection of the detachment. After a thorough "going over," it looked as though the detachment was in pretty good shape. It was noted by one observer (not weather) that all, except for one or two of the visitors had a pretty good time at the Elbow Beach Surf Club. We'll be glad to see ya'll again, so don't be strangers!!

* * * * *

AMONG YOUR FELLOW MEN

We often miss a lot in life,
By things we "didn't do."
You'd be surprised at how much good,
There is in others too.
We go along, from day to day,
And never give a smile,
To some poor human, on life's road,
To make his day worthwhile.

It doesn't cost an awful lot,
To help an aging man,
And when you see he has a load,
Then carry all you can.
A tender smile, a cheering word,
A handshake, now and then,
Will always be a welcome act,
Among your fellow men.

Courtesy of Topic Tropics

STRANGE BUT TRUE
Buried In Baskets

By Bill Reusswig

A few years ago, a traveler with a strong back and a feeling for adventure could avail himself of an unusual side trip when his ship put in at a certain of the small ports along the coast of Peru. Ashore, and with suitable native guidance, he could go dig himself an Inca.

His find, perished some 3 centuries ago, would frequently be discovered in a state of remarkable preservation, sitting up in a basket. Quite frequently the basket would be in such good shape that it could be carried away complete with its occupant. An interesting thing to leave beside one's fireplace, say, to stimulate conversation among tongue-tied guests.

One fascinating aspect of these disinterred Incas was their expression, if you could call it that. They seemed prepared to sit into eternity in the most lifelike poses, mouths open, hands gesturing.

Had they been talking, or screaming, when they died?

Sometimes small groups of Incas would be found, together with cats, dogs and infants, giving rise to the belief that mass burials of the living had been made. Today many archeologists are of this thought and explain that these people were probably servants of some wealthy person, buried--willing or not--when he was buried.

Among the many riddles of the lost civilization of the Incas, there are some which really have these experts stumped. A few of the people dug up had silver plates in their heads--

"Sign this damned clearance and lemme get outa here!" This cry has since become the motto of Eastern Air Lines.

In 1492, Columbus had just graduated from ITM (Instituto Teimpo de Madrid.) He expected to get into a soft job in Eqs AWS, but Isabella got next to the King and they made him Weather Officer at an outlying station. So, setting out with Pinta, Nina, and Santa Maria, he set up his new station. Pinta was Chief observer, Nina was NCOIC, and Santa Maria did all the work.

Slowly driven to desperation by Forms 1-P, 4-P, T/Os, requisitions and Raobs, Columbus called his staff together and murmured the historic phrase which has echoed down the corridors of Time, "Frigga Dissa Nisa, Lettsa Starta Curra Owna Squadron"...And thus it was that Columbus set out to discover America.

But storm clouds (1-3) were on the horizon, and the little region was in for some trouble. It seems that a Cpl Washington had been in grade for 22 months and he figured that something should be done. Soon the cry of "No observations without a promotion," was heard throughout the region. Hq. countered by sending down a fully manned T/C to quell the rebellion. Rapid fire from Good Conduct Medals and 3 mm furloughs drove the rebels back to St Louis. To make a long story short, (besides I can't figure out a way to end this thing), Cpl Washington made five-star general and that really opened up the T/O.

* * * * *

Its no wonder the meek shall inherit the earth. The fix its getting in now you couldn't wish it on anybody else!

A METEOROLOGICAL INTERPRETATION OF HISTORY
Or She May Be Wearing Fig Leaves, But
This Ain't The Garden Of Eden!!!
(AAFWESPOA)

When the world was young, a sparrow fell. And its fall was marked by an appropriate accident report and a special observation. The Chief Control Officer, having made the earth, stars, waters, Adam, Eve, and the days of the week, then made the weather. And he made the Low Three, the Middle Six, and the International Four. And it came to pass that Adam and Eve lived happily in their garden, until the University of Chicago persuaded Eve to pick up a blue crayon and draw a cold front. That marked the decline of man. Thus was born the first forecaster...The Original Sin.

Centuries passed, but the curse of forecasting stayed with man. All the ages are marked with his futile endeavors. The tomb of Hias of Sotiv is marked with the following inscriptions: which means, "the reverse is true in the northern hemisphere." Sectarious, the Elder, rocked the Roman Senate when shouting: "Coolium Ad Proclium Elego," or, "Another Forecast Busted by that Carthage SWO."

Ever striving upward, over getting off details, the forecaster came to be the power behind the thrones of Europe. As Charlemagne said before the battle of Allie d Chanore, "DUI," which is the old French for "Everybody gets KP, even the weatherman."

Meteorology was first used in warfare during the battle of Hastings in 1066. French weathermen warned William that the invasion could not succeed due to a "Front Froid." William said, and we quote:

the result of skillful brain surgery. How had this been done?

Trepanning is the name today's surgeons have given to this "modern" technique. A piece of the skull is removed, the brain examined or operated upon, and a plate fitted into the skull. This had been performed so expertly that bone had grown up around and over some of the silver plates, proving that the Incas had not soon died.

One also wonders about the instruments which the ancients must have used.

A few years ago, when I was in Cuzco, I met a young doctor who showed me some of these tools. Dr. Sergio A. Quevedo's relics apparently were of bronze, beautifully crafted, incredibly sharp. And hard.

Piqued by the instruments and the puzzle of the trepanning, the good doctor one day operated on an Indian woman who was brought to him with a broken skull. He used his relics (keeping modern steel counterparts handy, just in case). The woman lived.

Later, by bribing a porter at the Museum of Cuzco, I was able to spend a couple of hours in the place, making the pictures of exhumed Incas and skulls. Some of these had neatly incised holes--for silver plates, of course. In most cases, the metal had previously been stolen by the finders of the skulls.

I was glad to leave that little room in the museum, finally. It got so I thought I could hear a sort of whispering among the squatting figures. A sighing, perhaps, as if they mourned some centuries-dead friend.

So I left. And I didn't dig up an Inca for my own. Peru doesn't permit it anymore.

Courtesy of True Magazine

THE OLD SARGE SAYS

T Sgt Donald L. Lindemer

As we go to press "The Old Sarge" will be on leave up north to Virginia, Washington, D.C., and Pennsylvania and no doubt by the time you receive your copy of the "Weather Lore," I will be gloomily thinking of his return to duty. This gloomy feeling is due to the fact of a good time well spent and the thoughts of returning to the "De regis" of Air Force routine. Of course, after the newness of being back to duty wears off, I am sure it will be good to be back. If it were said that the rest is what "The Old Sarge" needs, I am sure a lot of folks would scoff at this line of reasoning so I will just say that someone in particular is waiting at New Cumberland, Pennsylvania and this is one of the main reasons for the leave at this time.

This month's discussion will be one of generalities, which we can say are due to the present changing world conditions. There have been new directives which a lot of you have read, but it is hoped that by reading about them in this article they will become more fixed in our minds.

In the first place a lot of you have been hearing a lot about critically short and critically surplus MOS's. According to AF Regulation 35-34, dated 17 February 1950, the following MOS's named herein are critically short and are of primary importance to us in the Air Weather Service and these are (782) Rawinsonde Technician, (787) Weather Forecaster, (867) Radar Mechanic, Bombardment, and (952) Radar Repairman, Gunlaying Equipment. Our (784) Wea-

ther Observer and (942) Rawinsonde Operator are no longer considered critically short. AFR 35-34 establishes policies and procedures which will effect maximum use of personnel resources by reducing Air Force shortages in critically short specialties and by reducing existing critical surplus. Effective manning of Air Force activities requires full utilization of Officers and Airmen in authorized positions for which they are qualified by virtue of their training and civilian or military experience. Personnel who are qualified in specialties in which an AF-wide surplus exists must be reclassified or selected for retraining to reduce shortage within the authorized AF Strength. It will be the custom in the future that all personnel records will be screened periodically in order to identify airmen and officers who are qualified in a critically short MOS by virtue of civilian background, prior training, or assignments, and who have not been awarded a critically short MOS. Personnel so identified will be assigned to duties in critically short MOS's to the maximum extent possible, and will be awarded a corresponding MOS after demonstration of proficiency in accordance with paragraphs 506, 507, and 508, Air Force Manual 35-1. A person whose primary MOS is critically short will not normally be assigned to a duty other than in his MOS.

Present world conditions have changed a lot of your plans lately so I will endeavor to give you an idea, as far as your enlistment is concerned, of what the future holds in store for you. In a recent wire from Eqs, USAF, it stated most clearly just what will happen to you if your enlistment expires in the near future. If

If an airman's normal term of enlistment expires on any date between 28 June 1950 and 8 July 1951 all dates inclusive, his term of enlistment will be extended only as expiration date of current Term of Enlistment occurs. Upon such a date if airman does not elect to re-enlist, his term of service will be extended automatically for 12 months from such date of expiration. Here is how it works: Pvt Moly Koke's term of enlistment expires 1 August 1950 and on that date he states he does not elect re-enlistment. The Personnel Officer of the custodial unit will extend Pvt Kokes term of enlistment automatically for another 12 months of service and new date of discharge from the service will be 10 August 1951. These changes of extension of service will be recorded on this units Morning Report, the serviceman's DA AGO Form 20 in Item 28 with a cross reference to Item 30 with the following quotation, "Date 10 Aug 51 a/Ext D/P Act 27 Jul." To date there has been no setup for returning from overseas to the Zone of Interior, but airmen will be notified accordingly when this new policy is formulated.

A lot of questions have been asked about leave and how it effects you as officers or airmen. There are at present a lot of doubts on your minds about accrued leave, so I will give you this information as printed in TIG Brief #9. Here is the context of the TIG Brief; several queries concerning computation of leave credits and payment of lump sum settlement have been received in Hq USAF from field installations. The following is quoted from letter AFPMP 210, Hqs USAF, dated 13 March 1950, and is addressed to all commanders.

"1. With reference to decision of the Com

traller General of the US, B-84463, 18 August 1949, 29 Comp Gen 83, the Secretary of Defense has directed that no change be made in existing procedures for the computation of accrued leave credits and payment of lump-sum settlements. The provisions of AR 600-115 will be strictly complied with until officially changed by Hqs. USAF.

"2. Appropriate legislative action designed to amend the Armed Forces Leave Act of 1946 was prepared by the Department of Defense and has been introduced in both houses of Congress. The proposed legislation will amend Section 3, paragraph 3, Armed Forces Leave Act of 1946 to become effective 1 September 1946 as follows:

"Change the period at the end thereof to a comma and insert: 'except that leave actually taken during any fiscal year may be charged to leave accruing during such fiscal year without regard to such 60 day limitations; Provided, that no cash settlement shall be made for unused or accumulated leave in excess of 60 days upon discharge or retirement subsequent to August 31, 1946."

From what you have just read no one can accrue more than 60 days leave until such an amendment is approved by Congress. When this amendment is approved, commanders will be notified accordingly.

The Armed Forces Leave Act of 1946 provides that each member of the Armed Forces shall be entitled to leave with pay and allowances at the rate of 2 1/2 days a month of normal service. A serviceman may at any time to his commanding officer for ordinary leave. Request for such leave will normally be granted provided the individual has sufficient leave accrued and his military duties are such that his absence during the re-

requested period will not be detrimental to the mission of his unit.

Emergency leave may be granted to a serviceman upon proper assurance that an emergency exists which will be alleviated by the presence of said serviceman, the Commanding Officer concerned may authorize emergency leave in the amount not to exceed the number of accrued days plus 30 days of advanced leave. Such leave is deducted from the accrued leave of the serviceman. Dependents of servicemen may assist in expediting emergency leave by notifying the American Red Cross.

If a serviceman desires to visit outside the continental limits of the United States, except in Canada or Areas of Mexico contiguous to the borders of the US, he must first receive permission to do so from Hqs USAF, Washington 25, D.C. The request must be submitted through channels in accordance with AFR 34-14, dated 15 March 1950.

In the event of illness while an airman is on leave, the airman should instruct his relative to promptly notify the nearest military installation and his Commanding Officer. This applies also if an airman is hospitalized due to injury or in the event the airman becomes confined by the civil authorities.

It is rather apparent "The Old Sarge" has rambled through this article, but its contents are of a pertinent value to all concerned. I hope the lengthiness of this column will be overlooked, and if you have gained anything from its wordiness, then "The Old Sarge" will be well rewarded by this column's intent.

* * * * *

States, but it's doubtful.

Rent control may be revised and extended. Odds are against that, too.

The retiring Congress will want to study the election returns, listen to farewell addresses of those who lost, and go home for Christmas. Chances are that it will do little more than vote more money for the armed forces.

Attempted assassination of President Truman is just one more sign of the crazy state of the world. Terrorism, flaring in Puerto Rico, is in a territory that U.S. has been giving special help for more than 15 years. Yet U.S., for all of its help, still is resented by extremists. Mr. Truman, target of attack, had done most to give the island a large measure of independence.

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A mill that specialized in parachute silk was caught with a huge inventory on V-J day. The plant manager promptly began converting his stock into sheer ladies' unmentionables. Just before the first shipment was sent out, an added feature was discovered for which, it was decided, not extra charge would be made. Across the seat of each garment was printed, "Count 10 before pulling the ripcord."

"A morality-play is one in which the characters are goblins, ghosts, virgins and other supernatural characters."

OFFICER OF THE MONTH-----Continued

ranks of 6th Weather where he has remained ever since in varying duties, latest of which is OIC Operations and Training Section in Hqs.

After more than a year with the 6th Weather Squadron, Major Brown and family added one more to the ranks of the organization shortly after their arrival in Florida. On 13 June 1950 Mark J. Brown III was born at Patrick AFB, Florida.

All who know the Major are reminded of his light-hearted humor, willingness to aid his men, and his ability for getting the important things done. We are glad to have him remain with us and wish him the best of luck for future success in his career in the Air Force.

* * * * *

THE SOLDIERS' 23RD PSALM

The Army is my provider.

I shall not want;

He maketh me to lie down on

Hard bunks,

He leadeth me to the picket
line;

He hath stolen my soul,

He leadeth me over dusty
parade grounds for Military
Trainings' sake;

Yea, though I walk through the valley of death---
I will fear no evil;

For thou art with me, thy

Army discipline and thy guardhouse;
They comfort me;

Thou preparest a table before me in the army mess

Thou anointest my plate with rank coffee;
My hash smelleth mightily.

Surely trouble and regulation shall follow me

All the days of my enlistment,
And I shall dwell in thy Guardhouse
Until I am discharged.

66



ther sidetracked by more pressing requests. A very detailed study will be compiled for streamlines for all levels to as high as data is available. Frequencies of wind directions and velocities are urgently needed for ballistic requirements since this detachment will occasionally be called upon to forecast the impact point of missiles. A very thorough study must also be made of cloud cover and surface winds for all of the downrange sites. As a matter of fact this article could go on to mention numerous other requirements which some of the lesser important ones are, the determination of the heating degree days presented to the post engineers for building design.

Often it is believed, forecasters after being assigned at a given location for some period of time form an erroneous impression of the climatology of a location which is difficult to erase from their minds. This is probably due to only part of the total available data being utilized. Therefore, the varied studies being prepared at this detachment will not only accomplish its mission as a tool in missile research, but will also prove extremely valuable to the operational forecaster who has little time to analyze the mass of raw data. The initial study of surface winds revealed many interesting facts which as stated previously might otherwise have been lost in the mass of raw data. It is hoped in closing that future studies will be of similar interest and value.

BALLISTICS AND CLIMATOLOGY SECTION, - 1st Lt
Thomas A. Prizio, OIC.

