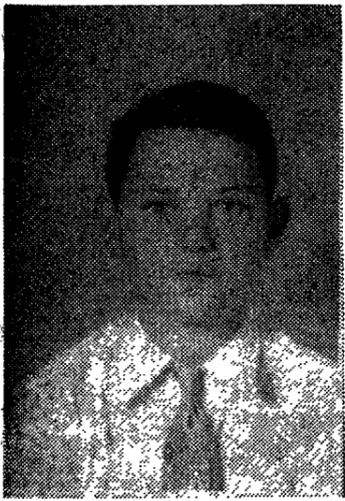


The Redstone Rocket

VOL. III; NO. 12

REDSTONE ARSENAL, HUNTSVILLE, ALABAMA

JUNE 29, 1954



BILL CALVERT

VFMA Scholarship Won by Bill Calvert

One of the eight three-year scholarships awarded annually by Valley Forge Military Academy to sons of Regular Army officers has been won by William Calvert, son of Lt. Col. and Mrs. George I. Calvert. Col. Calvert is assistant chief of NPd.

Bill Calvert has just completed his freshman year at Huntsville High School with an A plus average in all subjects.

He received the Younghusband scholarship based on results of a competitive examination given by the Academy to all applicants. Because of the limited number of scholarships, an excellent academic standing is one of the chief requisites as well as an interest in the military way of life.

The value of the scholarship is \$1051 per annum and covers one-half of the all-inclusive rate for tuition, uniforms, equipment and incidental fees.

The first year at Valley Forge, near Wayne, Pa., will start for Bill on Sept. 7 this year. The Academy is near the national shrine at Valley Forge within easy reach of Philadelphia. The program there is designed to prepare young men academically, physically and socially for college and for life. The students include boys through the seventh grade and junior college.

Bill is a carrier for The Huntsville Times and a patrol leader for Boy Scout Troop Seven. He is also associated with the local De Molay chapter.

During the last school year, he was featured in several newspapers for his rating at the top of the scholastic Honor Roll at Huntsville High.

Local Bus Line Serves Redstone

Many Redstone employees are not aware of the commercial bus service which operates between Huntsville and the arsenal, according to W. O. Terry, Transportation.

A city bus for Redstone leaves downtown Huntsville at Washington and Clinton every half hour from 4:50 a.m. until 6:50 p.m., Terry said.

After that hour, the Huntsville Park bus brings passengers to the arsenal. It leaves Washington and Clinton at 7:55, 8:55, and 9:55 in the evening.

The Redstone shuttle bus service operates from 6 a.m. until 4 p.m. to take passengers from the commercial bus stop to various points on the arsenal.

The first shuttle bus leaves the Troop Area at 6 a.m. and the last one leaves the same area at 4 p.m.

Getting off the arsenal is no problem either. A commercial bus leaves the Troop Area every 30 minutes at 15 minutes after and 15 minutes before the hour. This is from 5:15 a.m. until 7:15 p.m. After that the Huntsville Park bus leaves the Troop Area at 8:15, 9:15, and 10:15 p.m.

Terry pointed out that the buses that leave town at ten minutes until the hour turn around at Goss and Patton Roads. The buses that leave town at 20 minutes after the hour turn around at the Troop Area. The evening buses enter the arsenal at Goss Road and leave through Gate 11.

SAVINGS PLAN PROVES POPULAR

Bond Buying Has Increased

Redstone participation in the Payroll Savings Plan has increased 12.77 per cent since the U. S. Savings Bond drive started June 1, according to Capt. Kenneth Ahana, drive chairman.

This brings the number of arsenal participants to 35.04 per cent, including civil service and military personnel.

Four small arsenal segments are batting 100 per cent in the Payroll Savings Plan. Finance, Army Education Center, Contract Administrator, and Small Business Office boast perfect participation.

At present, 40.25 per cent of Redstone's civil service employees are taking advantage of the Payroll Savings Plan. Twelve per cent of the military are participating in the plan, which allows for Savings Bonds deductions from pay checks.

Rohm & Haas Company has 36 per cent of its employees on the Payroll Savings Plan. Since the drive started, Thiokol employees have purchased \$2,250 (cash value) worth of bonds.

Purchasing and Contracting is leading the larger divisions with 87.21 per cent of its employees buying bonds regularly through the Payroll Savings Plan. Consolidated Supply has 80 per cent of its employees using the plan. Redstone Depot is running a loose third in the drive with 60.43 per cent participation.

Present standings on bond buying are:

	Per Cent
Executive, Adj, PIO, IG	58.27
Comptroller	33.54
Army Education Center	100.
Army Inspector of Ord.	54.69
Contract Administrator	100.
Mission Plng. & Coord.	41.18
RSA Grad Institute	33.33
Safety Office	25.
Sm. Business & P&C	87.21
Civilian Personnel	63.24
Property Disposal	34.78
Consolidated Supply	80.
Medical Division	26.92
Dental Division	33.33
Provost Marshal	13.38
Troop Command	0.00
Chaplain	0.00
Commissary Office	16.67
Intelligence Office	37.50
Judge Advocate	0.00
Legal Office	50.
Finance Division	100.
Military Personnel	50.
Signal Office	44.82
Special Services	50.
Transportation Div.	53.52
Post Engineer	45.69
OGMS	28.74
Nat'l Proc. Div.	42.11
Field Service Div.	32.43
Redstone Depot	60.43
Ammunition Div.	53.98
OML Administration	25.77
OML Research	50.
OML-TED	28.91
OML-GMDD	24.80
OML Rocket	32.91
Ammunition Surveillance	37.50

RCU Pass Books Need Verification

Shareholders in the Redstone Arsenal Credit Union have been asked by Joe Mitchell, treasurer, to have their pass books verified and the 1953 dividends posted as soon as possible.

Either send the books to the Credit Union office located in Bldg. A-135 (Redstone Houses) or bring them in person, Mitchell advised.

Due to the increase in members, the office is closed on Tuesdays and Wednesdays in order to allow the staff time to keep their books current.

Two other points Mitchell made were that the end of month financial statement may be examined by any depositor who wishes to see it and that deposits and loans are both protected by insurance at no additional cost to the credit union members.

DEMOCRACY—THE ECHO OF THE SHOT HEARD 'ROUND THE WORLD



C. C. Corum Buys Four \$500 Bonds

Clarence C. Corum, Jr. of the Precision Mechanical Section, of GMDD, dropped a bomb at the U. S. Savings Bond Rally in the cafeteria of Bldg. 111 last Thursday.

Miss Melba Hall, the sub-chairman for the Ordnance Missile Laboratories, was playing soft music and telling everyone on coffee-break about how they could enroll in the payroll savings plan to buy bonds.

Corum, an instrument maker, approached Miss Hall and asked for four \$500 bonds.

Miss Hall said, "Four or five bonds. What denomination please?"

Corum repeated.

She rushed him to the Finance Office in her car.

Corum now has \$2000 in bonds in addition to the \$50 bond taken from his check every pay day. He said he started lower, but the only way he could save was add more to the original allotment.

Mr. and Mrs. Corum live at 1540 Warren Drive, Huntsville, with their 15-month-old daughter, Debra.

Before coming to work at Redstone about three years ago, Corum was a machinist at Decatur.

Stock Control Point Reviewed by Army

A team of five inspectors from the Department of the Army and OCO was at Redstone last week reviewing the supply control operations and procedures at the Guided Missile General Supply National Stock Control Point, FSD.

The visitors were C. F. Stillwell, OCO, and Lt. Col. J. M. Brannon, Lt. Col. F. E. Cornwell, C. E. Estep, and Lt. Col. J. A. Martin, all from the Department of the Army, G4.

Robert Black, NSCP, explained that the NSCP is assigned the responsibility by the Chief of Ordnance to effect world-wide control and distribution of Army guided missile equipment and repair parts.

"This includes the accomplishment of continuing replenishment studies to assure the availability of maintenance repair parts to perform world-wide unit, field, and depot maintenance of guided missile equipment," Black said.

"We also recommend assignment of storage and issue responsibilities for guided missile equipment and repair parts to depots," Black said. "Also NSCP controls the distribution of assigned material among designated depots, to make sure that the required material is on hand in sufficient quantity to meet operational maintenance demands."

E. T. Ellis Lectures To Executive Group

Edward T. Ellis, director of Human Relations for McCormick and Company, addressed the Executive Development Program at Rocket Auditorium yesterday.

The group of about 60 top arsenal executives along with visitors from Redstone and Huntsville heard the well known personnel expert speak on "Human Relations."

Following the lecture, a discussion period was held with Col. Henry Thayer, chief of NPd, as moderator.

The next lecture in the series will be held next Thursday, since Monday is a holiday. The speaker will be Cloyd Steinmetz, the director of training of Reynolds Metals Co., Louisville, Ky.

Frank Royal, chief of Training, Civilian Personnel, will be the moderator for the discussion following the lecture.

Driving Committee Gets New Chairman

Col. Paul Elias, chief of FSD, has been named to succeed Col. Henry Thayer, chief of NPd, as chairman of the Courteous Driving Committee, James Hiers, Safety Office, announced last week.

At the same time Hiers issued a reminder that the new Courteous Drivers Contest would start July 1, and that anyone who does not have a Courteous Drivers Guild bumper emblem will not be eligible to receive an award.

The Courteous Driving Committee is composed of Col. Elias, chairman; Hiers; Chick Albright, safety officer; Capt. Milton Sweat, MP Det.; Stuart Jones, chief of Civilian Personnel; Col. John Lawrence, Thiokol; and Cecil Jackson, Rohm & Haas.

First Night Game To Be Held Here

Night baseball comes to Redstone for the first time tomorrow when the Rockets go against the Huntsville Parkers at Linton Field at 7:30 p.m.

Capt. John Wattendorf, Special Services offices, has extended an invitation to the public to come out and watch the game. There is no admission charge.

The field will be lit by 160 lights, each with a 1500-watt bulb. Most of the lighting equipment came from Camp Rucker, which has been deactivated, according to Capt. Wattendorf.

The lights will also be used for the football field next fall he said.

COUNCIL TO ASK FOR FISHING OK

Seeks Ban Lift For Fishermen

The Civilian Welfare Council, meeting in Building W-441 last Thursday, voted to recommend to General Vincent that civilian employees be granted permission to fish on arsenal waters.

The motion as adopted requested that the fishing ban be lifted (except where safety and security provisions enter in) and that season passes be issued by the Provost Marshal to civilian employees who wish to fish on the reservation.

In further action, the 14 council members took under consideration a suggestion that a recreation and picnic area be established on the arsenal.

The suggestion, submitted through the Efficiency Awards program, asked for a cleared area, preferably on the river, be made available to civilians. It also requested that the arsenal furnish tables, fire pits, benches, lights, water, and a shelter, and that fishing be allowed within the area.

The council turned down a proposal to give silver medals for a year's service without an accident, LWOP, or suspension. It also turned down the idea of giving gold medals for five years service, but the members are still considering the possibility of an award for ten years of service without an unfavorable incident.

Present at the council meeting were: Lavin Carroll, president; Jesse Stutts, custodian; Miss Betty Hill, recorder; Ancil Kent; John Clarke; Sim Caldwell; W. H. Dickey; Leon Towery; J. D. Engle; B. D. Broodwater; Roy Parker; C. O. Brock; L. L. Stultz; and M. E. Houston.

Eleven Make List, Fill Stripe Quota

Promotions for the month include one new sergeant and ten new corporals.

The sergeant is James McKissen of Headquarters and Headquarters, 9330th Technical Service Unit.

Also in the 9330th, Detachment B, are three new corporals: Thomas C. Ball, Raymond V. Bonior and Douglas E. Booth.

Detachment A has five new corporals: Darrel K. Brewer, Philip R. Dykstra, Emanuel Kostakis, William D. Schutt, and Harold Wilkerson.

In the 803rd Military Police Company two men received an extra stripe: Paul G. Seckinger and James W. Wierichs.

ON THE HIGHWAY

On the highway
Cars whizz by,
Sadly the lady
Stands with a sigh.

End of workday,
Visions of rest,
Drivers hurry
To get home fast.

By the highway
The lady stands,
Gets no leeway,
She stands and stands.

The sun beats hot
The lady's forlorn.
Her temper's hot.
She has no horn.

Johnny Pettitt
Projects Branch,
Stops his buggy,
Gives her a chance.

Courteous drivers
All take the hint
Let the lady
Make a quick sprint

Across the highway
To her front door.
Thanks to Pettitt
And many more.

—Rhoda Stambaugh

The Redstone Rocket

The Redstone Rocket is a civilian employe newspaper published every Tuesday in the interests of Redstone Arsenal personnel. It is published by special agreement between Jack W. Hoffhaus, Huntsville, Ala., printer, and the Civilian Welfare Council, Redstone Arsenal, Huntsville, Ala.

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The Redstone Rocket is distributed free of cost to personnel at Redstone Arsenal. Mailing rates for The Rocket are \$3 a year, or \$1.75 for six months. Mailing arrangements must be made with Jack W. Hoffhaus.

HITCH HIKING IS CHANCY

The serviceman who likes to take his chances on getting a ride on the nation's highways is really taking a big chance.

The Army points out in a regulation that it's undignified to stand and signal passing cars or to walk in the pathway of vehicles going in the same direction to gain a ride.

And, it has regulations against the practice now that so many tragedies have occurred in many places.

But it isn't only the Army that frowns on the practice. Many states have outlawed hitchhiking. And most soldiers prefer the wide open spaces during a pass to a short visit in the calaboose.

A BETTER WAY FOR BETTER LIVING

What is your plan for better living? What will it cost? Will you be financially secure no matter what happens or will you need more money suddenly? No matter what your particular family program calls for financially, the best possible way to get the money for it is to save regularly. A convenient way to do it is to buy U. S. Savings Bonds. All you have to do is sign an application card, indicate how much you want to save each payday, and the rest is taken care of for you. Your money will be invested in U. S. Savings Bonds and they will be delivered to you. This plan is an easy, convenient way to save. You can start when you want to and save as much as you want to. As little as \$3.25 deducted each pay period will bring you a \$25 Savings Bond in only five pay periods.

—Ruth Jones

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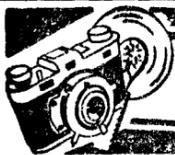
Benning School to Open for Officers

HEADQUARTERS 3RD ARMY, Ft. McPherson, Ga.—Special Associate Courses of the Command and General Staff School will be conducted at Ft. Benning, Ga., during February and March 1955, Third Army announced. The Chief of the Georgia Military District will be responsible for the conduct of the resident phases of these courses.

Division level training will be held February 6-20, and advanced training February 27-March 12.

Those Regular Army Officers, Reserve, and National Guard Officers on extended active duty in the Third Army Area may submit applications for attendance through command channels to Third Army Headquarters. National Guard Officers not on active duty may submit applications through state adjutants general to this headquarters. Officers on duty as National Guard instructors are not eligible to attend resident phases of instruction.

Reserve officers will submit applications through chiefs of mili-



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CONSOLIDATED SUPPLY

BY JANE GRAHAM

It has been said that the news in this Consolidated Supply column is the same as no news at all. So I take that to mean no news is good news. But let's hope that come week after next the new correspondent will be providing more interesting reading.

We welcome back Mrs. Melvin Kilgore. Geneva absented herself for a couple of months to await the arrival of little Melvin Jr.

Speaking of new arrivals, many will be interested in hearing about Helen Gayle Stovall who was born June 8. Her parents are Helen and David Stovall, the former a former employe, and the latter a present employe of Consolidated Supply.

Mr. and Mrs. L. C. Henson acquired a male addition to their family on June 13, who has been named Larry Douglas.

We are glad to have with us Corporal Lawrence Lee who is new in the Administrative Section.

Pfc. Eddie Sheinberg has returned from a brief visit to his home in New York City.

Pauline Michiels with husband Mike and little Tommy Lee is spending a week in Alexandria, Louisiana.

Sincere sympathy goes to Mary Wilburn and Joe Taylor. Joe's mother and Mary's father passed away last week.

Our thoughts are with Ruby Seglar and Lucy Payne who are very ill at the Huntsville Hospital. We miss you lots and hope you will soon be feeling well again.

Martha Goldston has left us for a better job. Her new location is with OML in Building 471.

Jim McKinney is back on the job following a week's illness, and with the aid of a walking stick is well on the road to recovery.

tary districts.

The purpose of the division training is to prepare qualified officers for duty as general staff officers of corps, field army and communications zone levels.

Vic Vet says

ABOUT 10,000 POST-KOREA VETERANS ARE TAKING OUT SPECIAL GI INSURANCE EVERY MONTH. IF YOU'RE PLANNING TO APPLY, REMEMBER YOU HAVE ONLY 120 DAYS AFTER SEPARATION TO DO SO.



For full information contact your nearest VETERANS ADMINISTRATION office

REDSTONE PIN-UP

First Aid Course Helps in Emergency

Eugene Davis, a foreman in the Sheet Metal Shop, GMDD, is a man who will testify to the value of first aid training.

Two days after Davis finished the first aid course given by Bill Cary, Safety Office, he was faced with an emergency. Mrs. Davis, while opening a package of frozen peas, jabbed a knife into her upper arm.

Davis, still fresh from classroom demonstrations, applied pressure to stop the flow of blood and administered other first aid. He then took Mrs. Davis to the doctor, where she was pronounced well on the road to recovery—thanks to her husband's quick and skilled work.

Mrs. Davis was so impressed by his efficiency that she has decided to take a course in first aid, too.

WORK STARTS ON STATION

Construction has started on a new PX service station, according to information received from Special Services and PX officer Capt. John Wattendorf.

The new station will be located near the old one on Goss Road, Capt. Wattendorf said.

Safeguard your future with U.S. Savings Bonds. The easy way is the Payroll Savings Plan way.

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JEAN BREWER

Have you noticed that several of our "well developed" males have been making a determined effort to acquire that "slim" look? This is being accomplished in a variety of ways, one of which is the well-known egg diet. Those who formerly trudged to work with large lunch pails or spent quite a busy hour at the cafeteria now bring in hard boiled eggs together with an envelop of gelatine in each pocket. The eggs, minus salt and pepper, are nibbled on and washed down by a glass of water in which the gelatine powder has been dissolved, but not yet jelled. This concoction assuages the pains of hunger by fooling the stomach into thinking that it is filled, and actually it IS full but only with "jello." One of those participating in this diet states, "Yes, it is quite an ordeal, but if I can lose twenty-five pounds through it, it will be worth the effort. I'm tired of being accused of hiding behind a fortress of fat." Another insists that he lost ten pounds the first two days of his dieting. Best of luck, fellows.

Supply Branch extends a welcome to Sgt. Brady who has just joined them from Akron, Ohio, and Miss Ethel Griffith who came from South Pittsburg, Tennessee. Sgt. Brady is taking his place with Sgt. Petersen in the Editing Section and Miss Griffith is with Sgt. Gatwood in Training Aids Section.

People of Supply wonder what would happen around the Branch if Sgt. Petersen didn't go "mountain climbing"; Sgt. Paulk took a break; Mr. Burns built a 16-foot cruiser; Sgt. (The Whip) Salvo let his personnel take a 16-minute break; Myra Segars ever got mad;

DO YOU KNOW?

That over the Fourth of July holiday last year 261 persons were killed in traffic accidents. If it's necessary to be on the road over the holiday, take it easy and take alternate routes, not main highways.
DON'T BE A STATISTIC!

Lois Isbell kept quiet for five minutes; Sgt. Gatwood came to work in a dirty car.

We are happy to welcome Mrs. Nancy Tate who has been assigned to Management Assistance Office; Lt. John D. Pratt, and Lt. John K. Munson, who have joined the External Branch; and Pvt. Thomas G. Van Houghten, Pvt. Richard L. Weiher, Cpl. Richard E. Dotson, and Pvt. John C. Sammons who are now members of Mechanical Branch faculty. For every "hello" there must be a "goodbye". External Branch deeply regrets the loss of their NCOIC M/Sgt. James M. Dempsey, who is on orders for the Far East Command. The New NCOIC will be M/Sgt. John E. Cave, now in the CORPORAL Computer Section of Ext. Branch. The Fundamentals Section, Mechanical Br., bade farewell to one of its hard working, loyal instructors, Sgt. Manila Peterson, discharged on June 8. Sgt. Petersen left the fine record of having been selected Section Instructor of the Week five times, Branch Instructor of the Month twice, and 9352nd TSU Soldier of the Month.

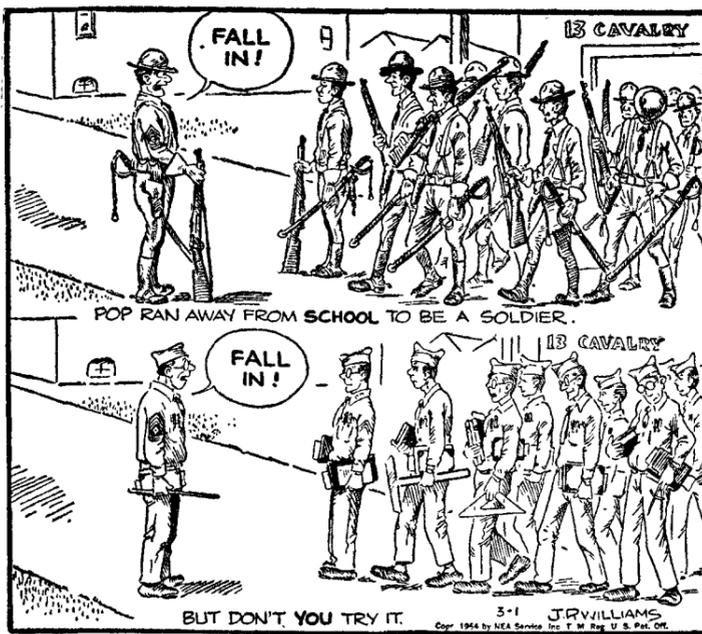
Cpl. Lorin Beaber and Cpl. Roy Reiber are likewise leaving this week with similar good records. Best of luck to you boys. Internal Branch is also losing one of its hard working members, Mrs. Hazel Atchley. Hazel worked in the Officers Branch, as clerk typist, from August 1952 until its reorganization in October 1953, since which time she has been assigned to Internal Branch. Hazel is very pleased to submit her resignation because of an expected increase in the family.

"Muggs" Miller had the misfortune of cracking heads with Dave Albrecht at the swimming pool last Sunday. It seems there was a misinterpretation of instructions, anyway, "Muggs" zigged when he should have zagged and ended up with a gash in his head that required a trip to the infirmary and several stitches. The only thing that seems to worry "Muggs" though, is the fact that he lost some hair from the "thinning ranks."

Some of those taking leaves and vacations are: Cpl. Dick Boyer, Cpl. Bob Yeazell, and Pfc Tim Smith, instructors in Mechanical Branch; from Supply Branch Sgt. Gatwood and family are on leave for two weeks in Pensacola, Fla.; Cpl. Driskill and wife are on leave in Missouri, Lois Isbell and husband, Tom, have gone to Miami, Dottie Ringelstein is visiting her brother at Fort Sam Houston, Texas this week; Libby Katzman and Cpl. Katzman, Propellants Branch, are visiting their home state, Pennsylvania. Both Dottie and Libby are clerk typists in Internal Branch. Fred Huston, Jim Kopelke, and Harold Luebke, of Propellants Branch have returned to RSA after spending leaves in their respective home states, of Pennsylvania, Maryland, and Missouri.

Jim Manuell's on Post days are all over. He's going home to Decatur, Ill., and when he returns he will not be alone. Yes, he's going to say, "I do." Congratulations Jim.

Mary Frances Myrick, Mechanical Branch, just spent a glorious week in the mountains. Opps . . . she was on a camping spree with a group from her home town church in Flintville, Tennessee.



MP HI-LITES

BY DICK HECTOR

MSGT William J. (Professor) Stanley recently concluded a class of instruction in the operation of the new river boats . . . Among the "Cum Laude" graduates was SFC Robert L. (Tiger) Nichols, who, being very impressed with his diploma, promptly rammed one of the boats into the docks while trying to reel in a big Catfish . . . PFC's Albin (Nose) Jacobs and Robert (MP of the Month) Dugan have recently done their bit towards increasing the world's population . . . "Nose", with the arrival of Richard and Dugan with Rebecca Ann . . . Pvt. Frank P. (Loogan) Woidat recently flew to Chicago to attend his brother's wedding . . . was so impressed with the ceremony that he is now going steady (with a bottle of Four Roses).

Had a report from Pvt. Jack (Foxy) Wolff at Ft. Monmouth . . . must be a lot of extra details up there . . . all his letter said was that he is spending most of his time dodging them . . . Sgt. Dabney (Lead Foot) Campbell has given up the auto racing game temporarily . . . he is now a full fledged mountain climber, having climbed half way up Weeden Mountain already . . . Good work Dabney . . . Why don't you get PFC Chester E. (Silver) Burns interested in the sport.

To Cpl. James (Horse) Wierichs and Cpl. Paul (NG) Seckinger . . . congratulations on recently adding another stripe to your sleeves . . . Rumor has it that Sgt. Jack (Budweiser) Whittle and Miss Jo Ann Clardy will soon make the fatal mistake . . . Along feminine lines, Cpl. George B. (Blockbuster) Bowe thanked me for the rave notices in last week's column, but is wondering what will happen when Margaret and Jeanette get together on a few points.

PFC's James (Go Big) McJunkin and Ray (Bouncer) Hamilton have been put on TDY to the DIV . . . something to do with a survey on how much brew one can hold and still navigate . . . so far, SFC Arnold (Cask) Fields is in the pole position, having 29 drafts to his credit . . . Pvt. Robert (Tarzan) Kurtti, the lifeguard at the post swimming pool, found a turtle recently . . . it looked so much like Pvt. Robert (Gaylord) Tilton that he named it "Old Bob" in "Gaylord's" honor.

Bon voyage to Cpl's Thomas (Temptation) Templeton, John J. (Drastic) Lasusky, Alvin W. (Porter's Boy) Russell and James L. (Adonis) Thomas who leave the sunny South today for the breweries of Germany . . . "Mox Nix," and take care of the "Schatzies."

Even though this has dragged on a little longer than usual, I would like to quote, in passing, "Never tell a secret in the corn fields, 'cause the corn has ears."

Phenix Is Tabu For Servicemen

Phenix City, Ala., has been placed off-limits to military personnel at the request of Alabama's Governor Gordon Persons.

Third Army Headquarters relayed the request to all commanders in the Third Army Area with the notice that the announcement has the effect of a military order.

Servicemen who are bona fide residents of the city are allowed to take a direct route through the city to their homes.

There is no better way, no easier way, no quicker way to save than through the Payroll Savings Plan.

Weaver to Discuss Transistor Evolution

Thomas H. Weaver, Chief of the Semi-Conductor Unit of the Research Section, Guided Missile Development Division at Redstone Arsenal, will speak at the meeting of the Huntsville Section of the Institute of Radio Engineers, June 29. The meeting is scheduled for 7:30 p.m. in the auditorium of the East Clinton Grammar School.

Weaver will speak on the "Present Development of the Transistor." In his talk he will compare past and present transistors, temperature stability considerations, and practical applications.

Weaver has a BS degree from the University of Alabama. He has served in the Navy and has been employed by the Offshore Navigation Company and Glenn L. Martin Company where he worked on the design and development of electronic equipment. He is presently working on transistors in the Ordnance Missile Laboratories at Redstone.

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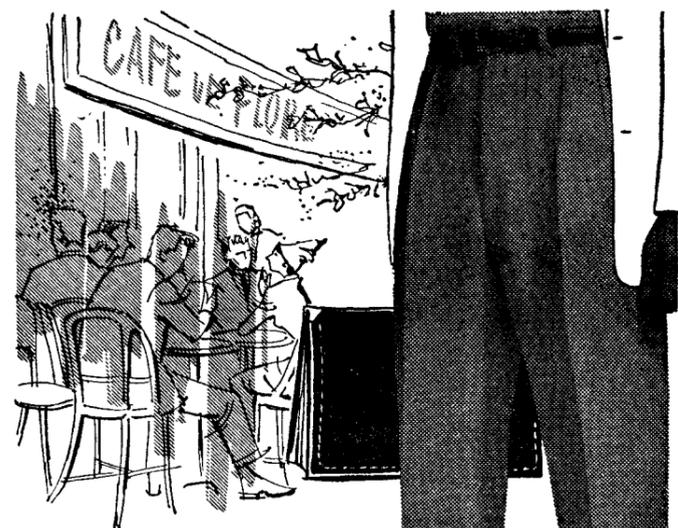
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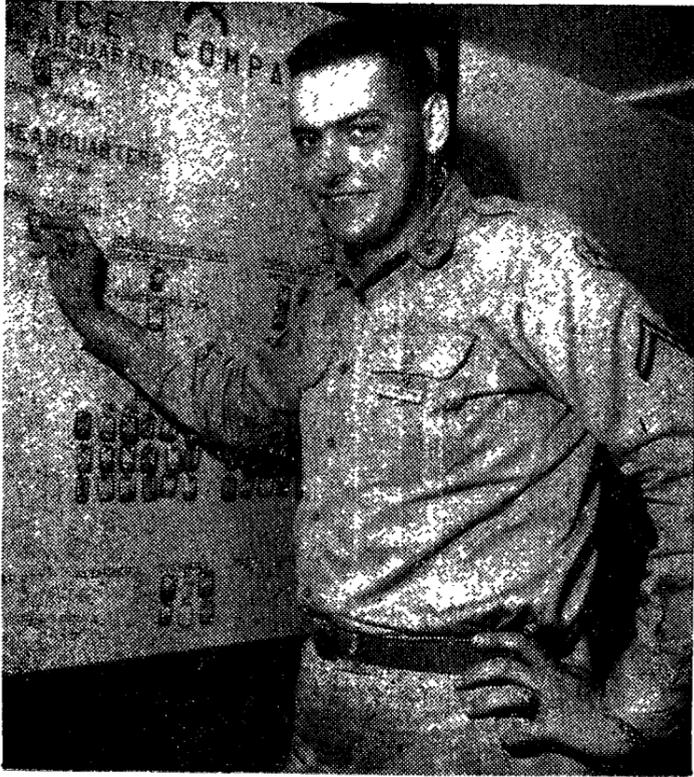
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BY HELEN REED

After reading "MP Hi-Lites," any story about the author of the column would be a severe anticlimax. He didn't tell us a thing about himself which would even faintly resemble the news he gets together about his cohorts. (It says in our dictionary that 'cohort' means "A body of ancient

Roman soldiers, a tenth part of a legion.")

We can't say that the 803rd MP company looks like a bunch of ancient Roman soldiers, and one does not need a vivid imagination or a pair of specs to see their company administrative clerk.

He is 23-year-old Pfc. Richard M. Hector from Chicago. He is six feet and four inches tall, and is not exactly a lightweight.

Pfc. Hector attended high school, college, and post graduate school at Loyola in Chicago for nine years which totals for him a high school diploma, a bachelor of science degree in liberal arts, and all but nine hours for a masters degree in personnel administration.

For seven months at Redstone, he was assigned in the Military Personnel office, then he went to the Troop Command mail room. He didn't attend Army clerk-typist school as most company clerks have, but when the 803rd's company clerk was discharged, the men possibly available for the job couldn't type. Pfc. Hector could, so he got the job.

This MP "secretary" had basic training at Camp Chaffee, Ark. He spent seven weeks in artillery training and nine weeks in on-the-job training in the personnel office there.

Before entering service, his favorite hobby, and somewhat lucrative pastime, was on-the-spot photography of accidents, fires, fights and other catastrophes. These pix he often sold to newspapers and insurance companies.

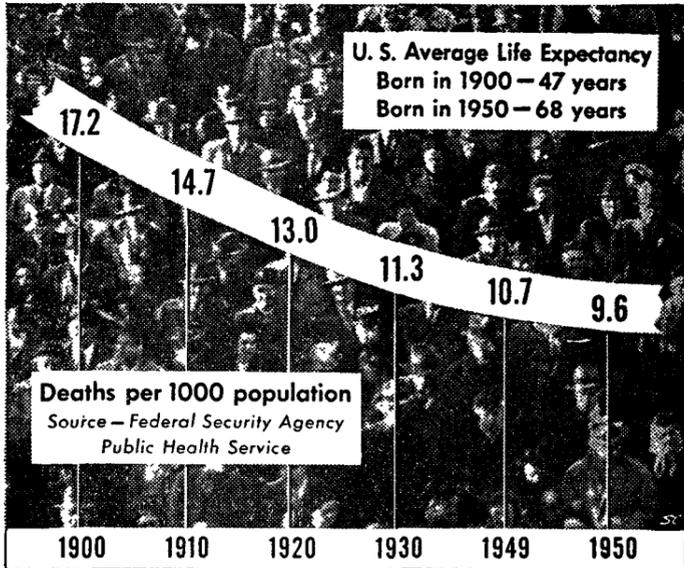
He's still interested in photography, and he also collects weapons. "It's just a very small collection," Pfc. Hector said. There are 22 pistols, shotguns and rifles included, the oldest dating back to 1864.

For entertainment around here, he enjoys target practice and swimming. "You might mention another hobby I have, too," he said. "That's my 1935 Plymouth black, four-door sedan."

He played football in high school and for Redstone.

As for his duties here, he claims routine isn't routine because of the varying personalities which enter the picture. His official correspondence includes everything from answering letters from creditors to dealing with cases of men

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This remarkable record, says the Department of Health, "can be traced in large part to steady reductions in the death rate for infections and communicable diseases."

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FIELD SERVICE DIVISION BY SUDIE AMSLER

The first part of the party was pretty nice. So thought Helen Gant. But the second part was even better. The first part of the party was an all-girl hamburger supper in Lib Laxson's back yard, and the second part was a parasol full of pretty presents for Helen's future reference. That's today's progress report.

Col. Beach has officially left us now. Before reporting for overseas assignment, he, Mrs. Beach and the two children are enjoying a summer sojourn in New Hampshire. Following their vacation, Col. Beach will bring his family back to their new home in Darwin Downs where they will reside while he is away. The best of luck to the Beach family, and we're glad they decided to make their home in our little village.

Before I forget, Connie Riley resigned from NSCP and moved away, and now Polly Pettie is secretary to Mel Greuel.

And add Howard Lee's name to the roster of the FSD softball team.

Time was when a pretty new girl would saunter down the aisle and the eyes of the engineers would suddenly pick her up and follow her out of sight. It was just as if a target tracking radar had been set in motion. (Roy Watts says make that acquisition-type radar.) But times have changed. The poor fellows are working so hard now, even an Italian haircut fails to command attention.

But let's take a look at a few of our beautiful newcomers. In NSCP, we have Ruby Sydnies, Ruth J. Swinford, Kathryn Robinson and Martha Turner. Martha a Huntsville girl, is June's sister, but we won't hold that against her.

Doris McDonald is the little girl in NMP. "Dora Bell" was one of the first employes in that organization, and it seems natural to see her there.

Ruth Mears has returned to her place as Admin. Asst. Edna Earl Bobo transferred to GMDD and in her place in the Admin. office is Eleanor Werden.

Mildred Pennington, from Gunterville, is the new girl who occupies the desk adjoining Jim Thomas.

Now, shall we ah, join the gen-

going AWOL from hospital.

The primary function of the 803rd is to supply men to the Provost Marshal office. Pfc. Hector has charts and bulletin boards which tell when and where each man is on duty or on leave. One bulletin board is complete with pictures of the men and tells who and where they are. Capt. Milton Sweet is the company commander.

When Lt. Col. Walter Dolle reaches Command and General Staff College at Ft. Leavenworth, Kan., he will find Maj. John Eisenhower as one of his classmates.

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and dined by milady-this and mildord-that, say the heat was excruciatingly, unspeakably unbearable. Just the English point of view, I guess.

Vacationing in Bldg. 713 for a week were Bradley P. Cartwright, Sara Hix, Frances Corsale and Miles Leach. I guess their nog-gins are filled with knowledge after completing the supervisor development program.

Margaret Bassham divided her time between Florida and Washington, D. C. You see more of the country that way.

That last statement is a deep thought, and while on the deep thought subject, have you thought about buying Savings Bonds thru the Payroll deduction plan? If so, just quit thinking about it, and do it, and let's get the job done.

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OML

BY ANN RICHARDS

New York and Florida are the most enticing spots in the land for vacationing spots in the land sonnel in OML headquarters is concerned. Dorra Test and family and Jean Hammons have just returned from their visits to N. Y., and although Mary Johnson has made one trip to Florida this season she grabbed up her bathing suit and took off again the other weekend for a quick dip in the Atlantic Ocean.

Texas was the vacation spot for Cpl. Bobby Cipelle who spent several days in his hometown of Kilgore.

We welcome two new men to the Research Division. They are Duane R. Keller and John L. Locker. Mr. Keller was an associate professor of civil engineering at the University of Maryland before accepting this new position as aeronautical engineer in the Materials Analysis Lab. Mr. Locker who is from Florence, is a graduate of API with a M.S. in mathematics. He is employed in the Ballistics Computation Laboratory. Both men are eligible, girls! In fact, John even gave me permission to say that he is in his twenties, has blond hair, gray eyes, is extremely eligible, and that he can be reached at 2526. His home telephone number can be secured by calling him at the other number. I might add that he is rather tall. This is additional information for the girls over 5'7".

From the GM Library comes news that Jane Christopher is

getting married this Saturday, June 26. Best wishes to you, Jane. Marlene Isbell has been on the sick list because of a tonsilectomy and Nellie B. DeYoung is in the Huntsville Hospital. We hope to have you back with us soon, girls.

The Technical Library has finally secured a man to join their ranks. He is Pfc. Perry Fleming, and he, too, is eligible. Ann Logel is on her vacation at this time, so you'll have to wait until she returns for an introduction, girls. Ann is known around the library for her ability at matchmaking.

PROJECTS BRANCH, RDD By Number: 52269328

Miss Betty Hill is featured in the column this week, having accomplished quite a feat while vacationing in Florida. She toured an Air Force Base, visited and ate in a Navy Mess, but after all this was too exhausted to make it to the Army barracks which was originally also on her schedule. Better luck and more stamina next time, Betty! Furthermore, Miss Hill as well as Chris Cowley is now associated with the Redstone Rockettes (no connection with the Radio City Music Hall Rockettes should be assumed nor implied). The Redstone Rockettes are a softball team, with the inspiring record of no wins and two defeats.

"Buttercup" Nicastro is fully appreciating all the joy and bliss of married life. At last, he no longer is called by the rather drab and commonplace Larry, but is referred to by his soulmate as "Buttercup". Isn't marriage wonderful?

Although it is no generally realized, there are others in the Branch who have rather exotic and unique names used in the confines of their home. "Tugerboy" Oden is prominent in this group.

Mr. Daniel Hall is no longer associated with the Branch, having returned to the University of Michigan to take graduate work. He was paroled three months early for good behavior. That is, he took advantage of the "It's 90 days and I don't like it" clause.

However, Projects Branch is still coming out ahead personnel wise. Two new proselytes from GMDD have joined the fold. They are Gentry Miles and Harold Penick. Glad to have you aboard, men.

Almost everybody in the Branch and some who are not, have taken vacations to Florida to escape the heat. Cliff Fitton, Mike Foster, Betty Hill, Dolores Rice, Ryndal Wetherington, Max West, all joined in the mass exodus. Tugerboy, being a rugged individualist, went to California instead.

Two new men have now acquired the lofty rank of Corporal through their devotion to duty, and their knowledge of the Indo-China situation and map reading. They are R. C. Guano and P. R. Dykstra.



BOND WORKERS—The Redstone Arsenal sub chairman for the U. S. Savings Bond Drive met at the Post Theatre to discuss methods of enrolling more people in this phase of the defense program. Front row from left to right they are: Imelda Murphree, Melba Hall, Ruth Jones, Darus Eslinger, Sudie Amsler, Gertrude Elser, Daphne Collins, Ruth Hill, Florence Harless, Ruth Sharp and Bernice Wood, James Glenn and Capt. Kenneth Y. H. Ahana, bond drive chairman. Back row from left to right they are: H. F. Griffin, Henry L. Strong, C. M. Mohr, Wallace Thomas, SFC Thomas Spittler, Sgt. Richard Plummer, M/Sgt. J. H. Judd and Lt. James D. Whitener.

(Photo by Gil Edelstein)

ROCKET DEVELOPMENT LAB By Chris Cowley

Headlines in the news: AIR CONDITIONING IS NOW WORKING, and that is something that is very evident from the way the people get around now.

Has anyone noticed the new GI? GI haircuts that is. Among the many sporting "shaved heads" are Bob Rudolph, K. Dodd, Dana Milburn, Bill Howard and Harry Williams. They look pretty good, too.

Vacation time has rolled around and quite a few have already taken advantage of it. To get things started, Bill Howard took off to Tennessee. Mr. James spent a week at Gunterville fishing and just lazing around. (Haven't heard how his fishing turned out.)

Among the lucky vacationers were Charles Bowman and Bob Richards. Charles spent his leave at home, (he is one of our Texans), and came back driving a new Ford. Bob and Ann Richards journeyed to New York and joined their families for the graduation of their brothers from West Point Military Academy. While there, they purchased a new Ford. Then they went to Arkansas where Bob was best man at his brother's wedding. From all reports they had a very exciting time.

Marion Edwards is among the list of newcomers to the lab. He attended the University of South Carolina and is here only for the summer. He plans to go back when the University opens this fall. Glad to have you visit with us Marion, and hope you enjoy your work here this summer.

Better watch your step! Charles Quarles has been serving on a Jury for the past few days.

We just can't seem to hold the interest of our people here, if they aren't going on a vacation they are on TDY. Charles Hussey and Bob Richards have been to Aberdeen on TDY and Niles White went to Washington. (These people really get around!).

(If you would like to see a good ball game, come down and watch the Redstone Rockettes play on Wednesday nights.)

TECH. & ENGR. DIVISION Anne Baucom

T & E has been showered with a group of new employees. They are Summer Students — Armis Worlund, Harry Leon, James Henry, Norman Williams, John McDermott, Howard, Julian, William Ashby and Herman Birney. Happy to have you with us.

Eva Walker was mistaken for a new employe by T & E when she returned from a two-week's vacation in Florida. Eva's tan is now a lighter shade but she isn't white by any means.

We see that James Hill and George Dyess are back after a month's TDY on the West Coast.

Projects Branch has welcomed two new employes. They are Virginia Raynes and Doris McKenzie, who is a transfer from Civilian Personnel. Tech Service has gained a new employe and lost one. Robert Brand came to work from Washington. Myron Couch transferred to GMDD, Bldg. 421.

Theresa Hargett is vacationing at home. Someone said something about her brother being home.

If you pass by Mechanical Branch Office on Friday morning and see something good to eat, just drop in and have some. Each Friday, one girl brings a pie or a cake to eat at break time.

SERVICE CLUB ACTIVITIES BY JIM MURPHY

Service Club events get off to a fine start this week with our program director, Miss Betty Dunn, as chief of operations. This week she has planned a schedule of activities for all of us to enjoy. This week's schedule will run into next month's program so there are several added items on the list. Watch the Service Club Program for posting of special events of the month.

Special emphasis is placed on the dance class Tuesday evening 29 June at 1945 hours. Under the capable dance instructor, Eddie Di Polvere, basic dance steps can be learned by attending one class. Here is a glorious opportunity to take advantage of, especially if you don't already know how some of the various dance steps are accompanied. The Jr. Hostesses will be here in the capacity of instructors. Plan to attend and get the most out of it.

Wednesday evening at 2000 hours Maestro Bob Yeazell and his orchestra will be in the spotlight in providing the music for the usual mid-week dance. The Junior Hostesses will provide the feminine aspect. Between the two the evening should be quite enjoyable. Weather permitting, the dance will be under the stars on the Service Club Patio.

The remainder of the week Betty scheduled as various aspects TV programs, badminton, ping pong, checkers, and pool.

Coffee call is scheduled at 0830 hours Sunday to a background of classical transcriptions.

Monday, 5 July, being a holiday the Service Club will hold a water carnival at the post pool. A weiner roast is tentatively scheduled to accompany the event. For a day of fun be sure to visit the post pool. So that's it for the time being. Happy Holiday!

TWO GET MEDALS

Armed Forces Reserve medals were awarded to two more officers with more than ten years of active service. They are Lt. Col. Theodore H. Ebbert, now a member of the regular army, and Capt. Flo F. Fleming, Jr.

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- 80-ACRE FARM—Approximately 5 miles NW of Oden Ridge in Morgan County. House and barn in need of repair. House wired for stove. 40 acres open. Going at \$25.00 per acre.
- 80-ACRE FARM—2 houses, well improved; approximately 7 miles east of Hartselle, Ala., on New Center road. \$8,000.00.
- 40-ACRE FARM—Well improved; 5 miles east of Hartselle. Nice 3-bedroom house. Well on porch, fish pond and running water in pasture. One-half can be financed. Priced at \$6,300.00.
- 40 ACRES OF LAND—20 miles east of Hartselle. 12 acres open balance in mountain; no improvements. \$9.00 per acre.
- 25 ACRES—Approximately 6 miles NE of Cullman. One-half mile north of Simcoe Church and School; 3 acres open; balance in woodland, for \$1,000.00.
- 25-ACRE FARM—4-room house; all open. 3 miles west of Hartselle. Level valley land. Can be bought for \$4,250.00.
- 60 ACRES—Very fertile farm. Approximately 3 miles west of Eva High School One 6-room house and one 4-room house and outbuildings. Wired. Mail and school bus. 4 wells, one spring, 47 acres in cultivation. Can be worked with tractor. \$6,300.00.

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FINALS IN RIFLE AND PISTOL MEET TO BE HELD AT FORT BENNING, GA.

HEADQUARTERS 3RD ARMY, Ft. McPherson, Ga. — Fort Benning, Ga., home of the U.S. Army Infantry Center, will be host from October 27 to November 7 for the final competition to select a rifle and pistol team to represent the United States next fall at the 36th annual International Shooting Union World Championship.

Conducted under the auspices of the National Rifle Association, the final tryouts at Ft. Benning will climax an extensive series of NRA regional tournaments and similar competitions sponsored by the Armed Forces.

These preliminary contests, which have already commenced and will be completed by August 8, will determine participants in the quarter-final and semi-final tryouts in Camp Perry, Ohio, from August 11 to September 6.

The international shooting matches will be held during November 15-17 at Caracas, Venezuela.

In designating Ft. Benning as the site for the final competition, in accordance with an NRA request, it was pointed out that the international marksmanship contests are particularly tuned to achievements of the Infantry Center, where competitive firing accuracy with both rifle and pistol is an important part of the Army marksmanship program.

For the first time in NRA history, women will be eligible to compete for places on the U. S. team, in compliance with new regulations of the International Shooting Union.

The international competition is open to native-born citizens or those naturalized at least two years before September 1, 1954.

Membership in the NRA or any other organized body of shooters is not necessary for participation.

The U.S. Rifle and Pistol team which will depart for Caracas shortly after the final tryouts, will consist of a maximum of 25 shooters, in addition to a team captain. Colonel Charles G. Rau, USA, will be the executive officer and Major Harold Thomas, USMC, will serve as adjutant.

SOFTBALL STANDINGS

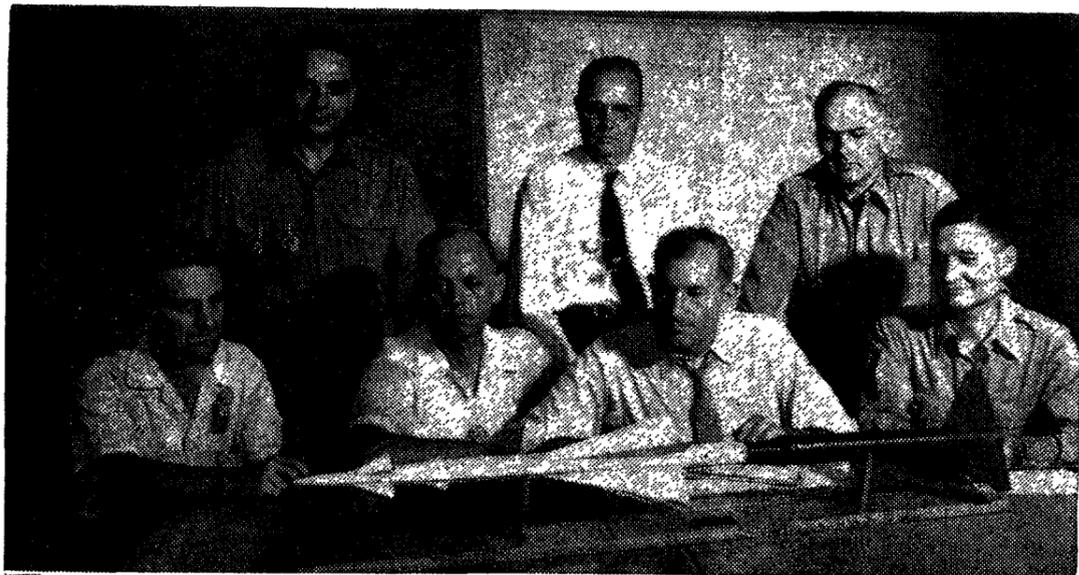
Team	W	L	Pct.
Fabricators	6	1	.857
9330 TSU 'A'	6	1	.857
Ammunition	5	1	.833
9352 TSU	7	2	.777
9330 TSU 'A'	5	3	.625
1 ETD	5	4	.555
Field Service	3	3	.500
803 MP	4	6	.400
Consol. Sup.	2	3	.400
2 ETD	3	5	.375
67 Engr.	2	6	.250
Prop & Exp.	1	3	.250
T & E	2	6	.250
9615 TSU	0	8	.000

GAMES THIS WEEK

Tuesday:
67th Engineers vs. Field Service Division and 9330 TSU 'B' vs. Consolidated Supply.

Wednesday:
Ammunition vs. Propellants and Explosives and Field Service Division vs. Fabrication Lab.

Thursday:
Technical & Engineering Division vs. Fabrication Lab and Ammunition vs. 1 ETD.



INSPECTORS AT NSCP—Inspectors from the Department of the Army and from OCO were at Redstone last week reviewing the supply control operations and procedures at the National Stock Control Point, FSD. Shown here (back row, left to right) are: Lt. Col. J. M. Brannon, DA/G4; C. F. Stillwell, OCO; and Lt. Col. F. E. Cornwell, DA/G4. Front row, Frank Marsh, chief of Requirements Br., NSCP; M. R. Greuel, chief of NSCP; C. E. Estep, DA/G4; and Lt. Col. J. A. Martin, DA/G4. (Photo by Billy Smith)

BREWERY TOWN'S RED CARPET STILL SHOWS NO SIGN OF WEAR

(By S/SGT. HOYT GIMLIN, USAF, AFPS Staff Writer)

Milwaukee, Wis. (AFPS)—This city hasn't cooled off from 1953. Baseball is still the topic and the Braves are the byword.

Out of town visitors can generally get tickets to County Stadium this year, which just wasn't true when those backyard Braves came to town last season. But that does not mean Milwaukee's 632,615 burghers are slighting their team a mite.

Since ducats last year were as scarce as war-time nylon stockings, the management strung something like 4000 seats down the first base line for '54 fans and Lou Perini, club president, says about the same number will go up along the third base line next season.

Rain or shine, a baseball game in the brewery city still takes on all the flavor of Princeton invading Yale. Five o'clock brings out a thunderous stream of office-workers headed homeward in time to grab their families and the picnic lunch-baskets for a nightly outing at the Stadium.

The clamor for Eddie Mathew's autograph, or from any other player handy, hasn't diminished with the passing of time with the city's teen-aged set. Downtown window displays mirror the team's personalities. Nearly any youngster can find an "M" baseball cap small enough to fit.

One five-and-dime sales clerk

registered her barometric impression, "Eddie Mathews T-shirts are still outselling the rest in all sizes but if you ask me, I'd say Joe Adcock sales are coming up more than anybody's right now."

But perhaps it takes an out-of-towner to best size up the situation. Walter O'Malley, president of the Dodgers from Brooklyn — a town with some of the most

vocally loyal rooters in the league — says he never misses a game in Milwaukee when his club is "out West."

"Wednesday night," he said (speaking of an early June meeting), "it started to rain (something of an understatement) and I was sitting down between first base and home. I was thinking of getting out of the rain. But did the people around me budge? No sir. They stuck it out. So, I said, if they could sit there waiting for the game to start again, so could I."

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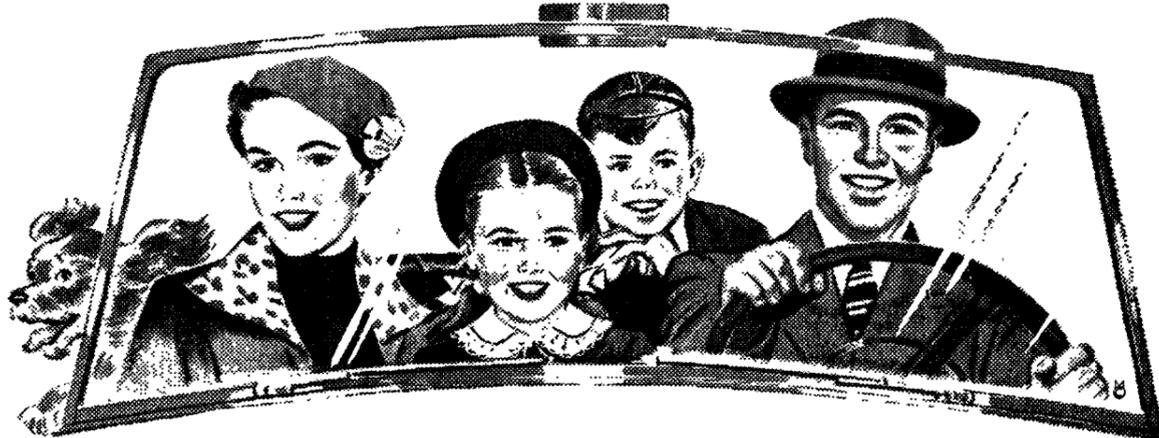
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Big Jim Wilson, forgotten man of the Milwaukee Braves pitching staff and known as a warm-weather pitcher, wipes beads of perspiration off his face after becoming the first major leaguer this year to hurl a no-hit no-run game. Wilson faced 28 Phillies as the Braves dropped pitcher Robin Roberts and his club 2-0.

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PIT FURNACES MAKE—

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In a white, out-of-the-way building that measures only 20 by 40 feet is the Post Engineer foundry, where an important but little known phase of the Redstone Arsenal's creative work is carried on.

During the summer months, two white-hot pit furnaces, like portholes to some fiery underworld, turn the building into a simmering Dutch oven. Solid bars of metal lowered into the furnaces turn into bubbling liquid within an hour. The coke fed pits, their appetites sharpened by forced oxygen, reach a temperature of 2800 degrees Fahrenheit.

Once the men working there hung a thermometer on the wall, away from the furnaces, just out of curiosity. When the mercury oozed to 119 degrees they decided to take it down. It was better not to know how hot it was.

The boss of this hotbed of molten metals is Blair Elkins, a small graying man of 58 who has been in the foundry business for 40 years. He set up the arsenal's foundry two and a half years ago and has been with it since.

Elkins likes the challenges his work offers. "Every job is different," he explained. "Many of the castings we make here go into rockets and guided missiles. They must be perfect. The slightest flaw may cause disaster amounting to thousands of dollars in equipment and time."

The scientists who use the castings made by Elkins and his crew of six craftsmen have a two-fold way of checking the metal parts the foundry produces.

They are examined under X-ray for internal flaws which cannot be seen by the eye. In addition, every part destined for a rocket or guided missile is hydro-static-tested with as much as 90 pounds of water per square inch pumped into the casting.

"Most of the castings we make are aluminum," Elkins said. "But we also cast in bronze, iron, and brass. When they are tested, the castings are subjected to twice the amount of pressure they will have to withstand in actual use."

Metals, like people, have their own weaknesses and strengths, Elkins explained, picking up an oddly shaped casting that looked very much like a three dimensional labyrinth. "This is aluminum alloy 356. It is heat treated for 12 hours at 1000* F., which is almost its melting point. But when we get through we have a metal that can withstand tremendous pressures. But look,"

The foundry boss hit the metal maze with a hammer and a piece flew off. "You see, it is not tough. Now take Almag-35". He picked up another piece of metal shaped—or miss-shaped—very much like the aluminum alloy 356 and undistinguishable to an untrained eye.

"This is Almag-35. It's not heat treated at all and it can't hold up under as much pressure as the other. But it's tough."

To demonstrate, Elkins struck the Almag-35 casting a terrific blow with the hammer. Nothing happened. He struck another blow and the casting bent slightly.

"You see, it bends but doesn't break. But under hydro-static testing it would not stand up as well as the 356."

It is Elkins' job to know about metals — melting point, tensile strength, mixing characteristics, all that distinguishes individual



FOUNDRY WORKERS—Skilled wood workers are a little known but necessary part of foundry operation. In the picture above, John Bittinger (left) and Roy Ashcraft are shown making the wooden patterns that are used in setting the molds for metal castings. Robert Maitin (upper right) a foundry melter, is getting ready to draw out the white-hot crucible and its liquid metal contents from one of the two pit furnaces at the foundry. Maitin's plastic face cover and heavy apron help protect him from the terrific heat generated in the furnaces. At right, Blair Elkins, boss of the foundry, watches closely as the metal, now cooled to a mild 1275 degrees Fahrenheit, is poured into the molds by Tommy Russell and John McMichael. (Photos by Gil Edelstein)

metals.

"Every problem is a little different from the last one. That's what makes this work interesting and what makes you forget the heat in here."

"One problem we ran into was de-magnetizing a metal. The metal was Monel, composed of about 40 per cent copper and 60 per cent nickel. The scientist who wanted it told us how it could be done—by adding a small amount of aluminum."

"But the problem we ran into was how to introduce the aluminum into the Monel without burning the aluminum up. Monel has a melting point of 2800 degrees. Aluminum's melting point is only 1200 degrees.

Most people, when they think of foundry work (if they ever do) think in terms of metals. However, a quick look around the Post Engineer foundry (Bldg. A-139) will show the observer that metal castings are only the end product.

Wood and sand play roles of equal importance. Wood for the patterns to give shape to the castings and sand into which to mold.

The first step in casting metal Elkins said, is to make a wooden pattern exactly like the final product.

The pattern is then used to shape sand molds, contained in

heavy wooden boxes. After the shape of the wooden pattern has been impressed in the moist sand (which contains from 14 to 18 per cent clay) the pattern is withdrawn and the liquid metal is poured into the mold. It takes only a few minutes for the casting to set.

But at this stage of the manufacture, the casting is a strange looking object with protuberances running helter-skelter from the body of the casting. The protuberances are actually pressure releases—safety valves—as it were. Shrinkage, cracking, and other misfortunes of foundry operation should, and usually do, occur in them rather than in the casting proper. They must be sawed, ground, and smoothed away after the casting cools.

To measure temperature in the archaic pit furnaces, the men must use a pyrometer, a long instrument bent at right angle in the middle and containing a gauge at the handle. Early gauging, however, is done in the melters head. He estimates the temperature, hoists out the giant crucible containing the melted metal and then measures with the gauge.

When the metal, say aluminum, is first brought from the pit, it may be as hot as 1500 degrees. The proper temperature for pouring aluminum is 1275 degrees, or only 75 degrees above its melting point.

The metal is allowed to cool. The crucible, first a glowing orange, fades gradually into its natural dirty brown coloring. After about six minutes the pyrometer is again lowered into the silvery content of the crucible. By then the temperature has dropped to 1375 degrees.

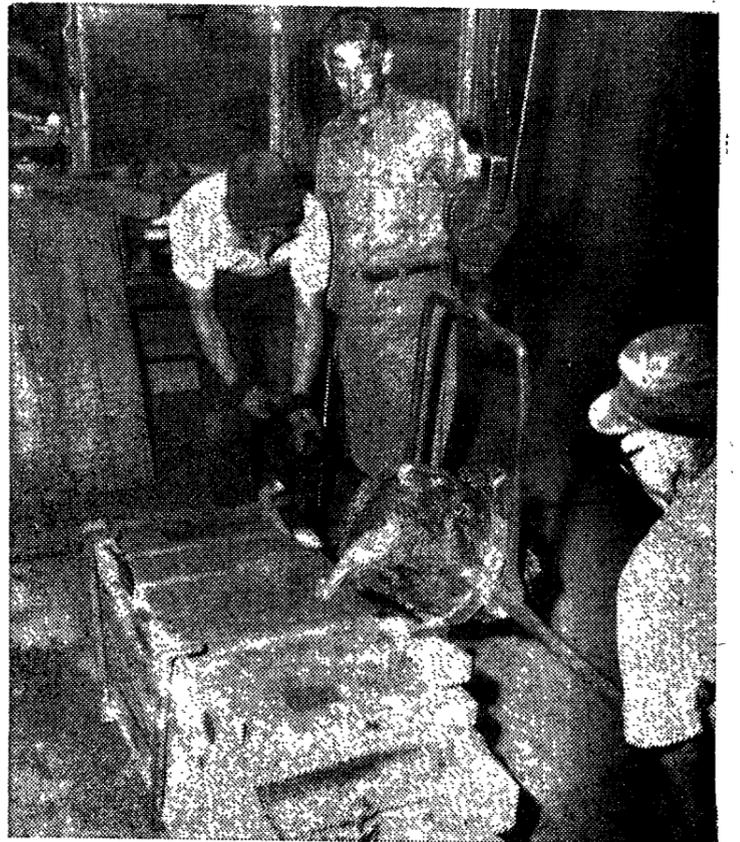
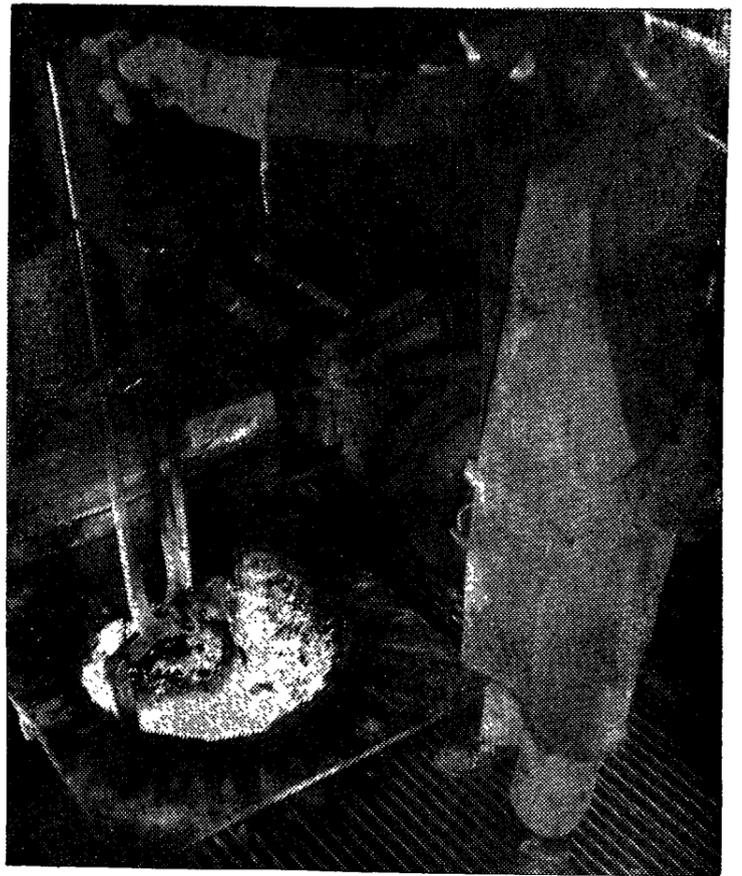
Since the crucible has now cooled considerably, the temperature of the metal drops rapidly. In only a minute, it is down another 50 degrees. In three minutes, it is ready to be poured.

The moulder, using a couple of tools that look like a bent cake knife and a table spoon, has worked the sand into condition to receive the metal.

The pouring is done, the metal cools, a little paring away of appendages and the casting is ready.

Maybe the finished product will be used in a rocket or guided missile. It could be a new gimmick for an ammunition line. Or perhaps it is a bronze plaque, such as the one recently placed at Linfon Field.

Other castings are sent to private industry to be used as proto-



types for similar items to be massed produced.

But Elkins and his men stay in their small, hot, and dirty shop, turning out orders and looking to

the day when they will get new and modern equipment (such as an electric furnace) so that they can do even better work than that they are doing now.

THE REDSTONE ROCKET

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MISS JOY JEAN SIMPSON

Miss Simpson to Be Bride of Cpl. Booth

The engagement of Miss Joy Jean Simpson to Cpl. Douglas Edward Booth is announced by the bride's parents, Mr. and Mrs. William Green Simpson of Huntsville.

Cpl. Booth is the son of Mr. and Mrs. Arthur L. Booth of Detroit, Mich.

The wedding is scheduled at the Redstone Arsenal Post Chapel on June 24.

Miss Simpson is a member of the Manufacturing Engineering and Control Section at the Fabrication Laboratory.

She is a graduate of the International Business College at El Paso, Tex., and came to Redstone

Capt., Mrs. Zukaitis Honored at Parties

Officers and their wives of the Medical Division gave a farewell party June 21 for Capt. and Mrs. Raymond Zukaitis. The party was held at the nurses' quarters on the arsenal, and was attended by more than 15 persons.

An imported linen cloth was used on the table from which the buffet supper was served.

On June 22, Mrs. Kenneth Ahana, Mrs. Walter Shepherd and Mrs. Raymond Dougherty were hostesses at a morning coffee honoring Mrs. Zukaitis at the Ahana home on the arsenal.

The guest of honor was presented a gift by the hostesses, and more than 15 guests called during the morning.

Mrs. Henry R. Jordan presided at the silver coffee service which was placed on a table covered with a cutwork linen cloth. Yellow gladioli decorated the dining room.

Capt. and Mrs. Zukaitis were the honored guests at a dinner party June 22 given by Lt. Col. and Mrs. Jordan on the lawn of their quarters.

Daisies and garden flowers were used in the table decorations.

Mrs. Zukaitis was given a gift of lingerie, and Capt. Zukaitis received a memo from the Jordan twins, Terry and Jerry.

The twins gave him two dolls which had been plastered with band aids, and painted with bloody noses and black eyes to remind him of his services in taking care to the Jordan boys during his tour of duty at Redstone.

Hobby Shop Is Open For Girls and Boys

The Hobby Shop was open yesterday for the first time from 1:30 to 4:30 p.m. for the use of sons and daughters of military personnel, according to Lt. James D. Whitener, assistant Special Services officer. It will be open every Monday and Friday during those hours for the convenience and entertainment of the children.

The lieutenant stressed that one requirement for use of the Hobby Shop by children is written and signed permission from one of their parents concerning the tools which the child may use.

The written permission should list the tools each child is permitted to use. None of the electrically powered tools will be at their disposal.

A qualified man will be on hand to supervise the children at all times.

Col. and Mrs. Dolle Give Cocktail Party

Lt. Col. and Mrs. Walter C. Dolle entertained with a cocktail party June 26 at the Officers Open Mess with 60 guests calling during the evening.

The table from which refreshments were served was decorated with a mixed bouquet of summer flowers and silver appointments. Silver candelabra held lighted tapers.

Speaking of PUBLIC SAFETY

Curbing the slaughter and destruction of traffic accidents requires much more than modern highways, proper traffic signs, signals and policing.

What is needed—if we are to rid our streets and highways of the accident menace—is better citizenship behind the wheels of motor vehicles.

That is the considered opinion of Edmond C. Powers of Cleveland, O., who for the past nine years has made exhaustive studies of driver and pedestrian behavior and has conferred with federal, state, municipal and county officials from all parts of the country.

"The 38,500 people killed and the 2,140,000 injured last year can be charged mainly to improper driver and pedestrian behavior," he points out.

"It's just plain bad citizenship behind the wheel to drive too fast for conditions, fail to yield the right of way, drive in the wrong lane, operate a vehicle in unsafe mechanical condition, cut in and out of lanes, crash traffic lights, fail to signal turns and stops, loaf in heavy traffic, back recklessly out of driveways, stop or park in 'no parking' areas.

"Nor is the pedestrian a good citizen who 'jay walks', who bolts across a street without looking, who darts into the street between parked cars, who gets caught in the middle of a thoroughfare by failing to look both ways, and who walks in traffic with improper vision or hearing.

"Nor is it good citizenship on the part of parents to permit young people to operate motor vehicles who either temperamentally or physically are unprepared to cope with the hazards of modern traffic.

"What the traffic accident problem needs", Powers concludes, "is drivers and pedestrians who are just as thoughtful and considerate of their fellowman in traffic as they are in their homes, churches, community, social and business life."

when the General Electric Company moved their research in guided missiles to this installation.

Cpl. Booth is a chemist from Wayne University in Detroit. He is now assigned in the Material Test Laboratory, OML.

Mrs. Fagan Is Named New Bridge Chmn.

Mrs. James Fagan will assume the duties of bridge chairman for Couples Bridge Club starting with the next meeting at 7 p.m. on July 12. Mrs. Henry Thayer, who has been the chairman since the beginning of the club, will leave soon when her husband is transferred to Washington, D. C.

At the meeting on June 21, five tables of bridge were in progress. Mrs. Anne Grogran and Lt. Robert Yaeger won the high scores, Mrs. Edward Bartunek and Lt. Richard Meyer were second high, and Mrs. Lillian Touchstone and Lt. Frank Crow held the low scores.

Regular members not planning to attend the next meeting should call Mrs. Fagan by noon on Monday so that even tables may be arranged. Her phone number is Huntsville 3964.

Call Mrs. Thayer For Ladies Bridge

Mrs. Henry Thayer will serve as the bridge chairman for Ladies Bridge Club this week during the absence of the regular chairman, Mrs. Edward Weatherford, who accompanied her husband to Ft. McClellan this week.

Anyone planning to attend should call Mrs. Thayer by noon tomorrow at Ext. 2956. The club meets at 10:30 a.m. July 1 at the Officers Open Mess.

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PERSONALS

Joe Ebbert left last week for Camp McDowell, the Episcopal camp near Jasper, Ala.

* * *

Lt. Col. and Mrs. Edward Weatherford entertained Col. and Mrs. Benjamin Beach at dinner June 25 at the Weatherford's home in Wherry.

* * *

The adult Sunday School class of the Post Chapel held a picnic June 20 for Capt. Gladys Cain who left last week for assignment in Alaska. The picnic was held at the home of Maj. and Mrs. Harvey C. Vance in Wherry. Capt. Cain was the assistant chief nurse at the Infirmary.

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