

## Redstone Battle Group Due

### OPEN LETTER OF THANKS

#### After 5 Bottles, He's Dancing 'Dixie' Jig!

Dear Redstone Donor,

Seldom will a publicity man go to such extremes to obtain copy for his subject — and this one didn't mean to, believe me!

All of Sunday night, 12 August, and half of the next day I watched your blood flow into my right arm. After the third bottle I began to develop a craving for black eyed peas and grits and after the fifth bottle (of blood) I felt like jumping up and singing Dixie. No one can ever call me a damyankee again. In fact, I'm not sure that I'm Irish any more. But I am sure I am alive — and have my full share of blood — be whose it may.

Seriously though, Donors, as I watched your never ending drops of blood come down, I wondered whose blood was entering my body? A good looking steno? That gave food for thought. Maybe it was my boss — that should put me on the ball. But it could have been anyone's — the Bloodmobile requires no references nor any special civilian or military rating.

One funny thing happened while I was receiving a transfusion. The doctor came in to give me a shot and instead of making another hole in my already perforated arms, he stuck the needle into the rubber tube coming from the blood bottle and dumped the contents of the syringe into it. That, I believe, is a new system of receiving a shot via the "piggy-back" system.

But, as I write this the following Sunday morning, feeling fine, and waiting for my grits, I'll be looking at "you-all" as we pass, always wondering if "I've got you under my skin!"

JACK G. McNEIL  
Lt. Col. CE

#### WILLIAM DURRENBERGER PROMOTED TO FULL COLONEL AT ABMA

William J. Durrenberger, chief of the financial management of-

the Army Ballistic Missile Agency, has been promoted to the grade of colonel.

Col. Durrenberger joined the Missile Agency in January, 1956. He was formerly executive officer in the comptroller's office of the Office, Chief of Ordnance.

He is a graduate of Perham, Minn., High School and attended (See PROMOTED on Page 2)



COL. DURRENBERGER

#### AIEE SUBSECTION TO MEET SEPT. 9

The Huntsville Subsection of the American Institute of Electrical Engineers will hold its first fall meeting on Monday, September 9, at the Huntsville Cafe. The speaker will be Mr. C. J. Martz, of Huntsville Electric Service, who will discuss planning and problems of the city power system.

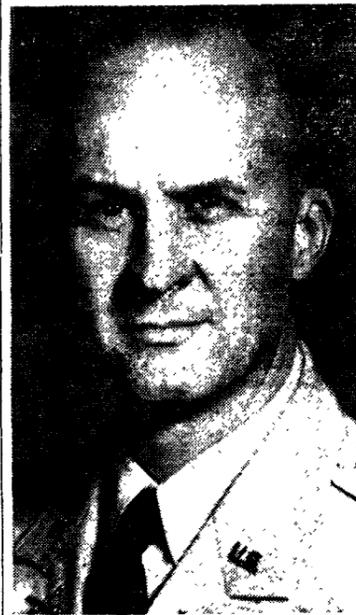
All AIEE members are invited to attend.

#### 40TH FA GROUP TO BE ACTIVATED HERE NEXT WEEK

Col. Gildart is CO Of 650 Officers, Men

The Army's first operational heavy ballistic missile unit, with the Redstone Missile as its organic weapon, will be activated about September 9 at Redstone Arsenal.

The unit will be formally designated the 40th Field Artillery Missile Group (Heavy.) Col. Robert C. Gildart will command the 650 officers and men of the country's newest and largest artillery weapon system. Col. Gildart came here from the Continental Army Command, Ft. Monroe, Va., where he served three years in the Army's Combat Developments Sys-



COL. R. C. GILDART

tem.

Using Arsenal training facilities, the units comprising the group will remain here until their training cycles are completed. They will then be prepared for operational deployment overseas.

The expanded training activity will mean an increase in the Army population in the Huntsville area and an increased military payroll, much of which finds its way to markets in Huntsville and nearby communities.

Three units, the 217th Field Artillery Missile Battalion (Redstone), the 630th Ordnance Company and the recently arrived 580th Engineer Company are already housed in a special Arsenal.

(See 40TH on Page 3)



CONGRATS, ON TWO COUNTS — SP3 William J. Beaver receives the congratulations of Maj. Gen. H. N. Tof-toy, Redstone commander, on being selected Soldier of the Month Specialist Beaver, an OGMS student, also won a promotion.

\* \* \*

#### It Happened Fast — Honor, Promotion And Graduation

Things can happen fast in the Army, as SP3 William J. Beaver will testify.

He was chosen Soldier of the Month a week before he graduated from the courses he was taking at the Ordnance Guided Missile School. Then, he was promoted from PFC to SP3. Orders came through to return him to Seattle, his duty station before he came to Redstone Arsenal.

With no time to take the three-day pass that is automatically conferred on the Soldier of the Month, SP3 Beaver was given a cash bonus in lieu of the many usual gifts from the local merchants.

The soldier of the month is furnished a free hotel room and meals, a car for the three days with free gas and oil.

SP3 Beaver studied electronics at LaSalle College before he entered the Army in April, 1956. He is from Philadelphia, Penna.

#### Meter Is Standard As Army Changes Measuring System

WASHINGTON— Feet and yards are on the way out in the Army, which is going metric as far as firing measurements are concerned.

The changeover is expected to take up to ten years. The Army has four reasons for deciding to abandon the old measurements. The first is that while weapons of today are set to yards, many of them are themselves measured in millimeters.

The new program will provide a standard unit of measure with the NATO countries, most of which use the meter rather than the yard.

The third reason is to permit better and greater use of allied and captured enemy material. As the meter is standard in almost all countries except the U.S. and British Commonwealth, the problem of using foreign weapons, firing tables, sights, radars and other equipment, all designed for the metric system, is immense.

Adoption of the system will also simplify firing procedures for indirect fire weapons which have sights, for example, that are calibrated for yards, while maps used in the firing problems have been printed with metric distances. Using the metric system throughout will thus avoid the necessity for conversion from yards to meters.

#### J. C. MOQUIN WINS THE JUMP AWARD

(See Picture Inside)

Exemplary achievement in public administration has won for Joseph C. Moquin the Meritorious Award Certificate of the William A. Jump Memorial Foundation.

Moquin is chief of management engineering in the Army Ballistic Missile Agency. He is 32 years old, the father of five children, and lives at 825 Owens Drive, Huntsville.

Maj. Gen. J. B. Medaris, who commands the Agency, presented the certificate at a ceremony witnessed by Moquin's superiors and associates.

He was the Army's nominee for the 1957 award, which is presented annually to an employee of the Federal Government for outstanding service and sustained high level performance in public administration. The award is administered by a board of trustees appointed by the Secretary of Agriculture.

Signed by James M. Mitchell, the Board's chairman, the award reads as follows:

(See MOQUIN on Page 2)



RECEIVES MASTER'S DEGREE — Charles C. Dalton, Redstone engineer, has received his Master of Arts degree in mathematics from the University of Alabama through the Arsenal's Graduate Study Program. He also has a degree in physics and is interested in continuing in the Graduate Study Program in the field of engineering mechanics. Mr. Dalton has been employed in the Operations Research Office, R&DD-OML, since March, 1955. Mr. and Mrs. Dalton and daughter, Maria, live at 8012 Camille Dr., S. E., Huntsville.



ALABAMA LEADS PARADE — This Corporal guided missile from Redstone Arsenal, sponsored by VFW Post No. 2702 of Huntsville, helped the Alabama section lead the parade at the National Convention of the VFW in Miami, which ended Saturday. Shown left to right beside the exhibit are: Wilbur Nolen, Jr., State Representative, Montgomery County; Joe Davis, junior vice-commander, Huntsville post; Warrant Officer Kenneth D. Waltman, Field Service Division, Redstone; Alabama Gov. James E. Folsom; Thomas B. Dean, state VFW commander, Gadsden; Jack Ivy, Jimmy Walker, Edward Powell, and Oliver Snow, all of Huntsville.

# The Redstone Rocket

The Redstone Rocket is a privately owned newspaper published every Wednesday by Jack W. Hoffhaus, Huntsville, Alabama, with exclusive regard for the reader interests of personnel at Army Ballistic Missile Agency, Redstone Arsenal and Ordnance Guided Missile School in accordance with an agreement between the publisher and the Public Information Office, Redstone Arsenal, Huntsville, Alabama.

The Rocket is NOT an official or semi-official Army or Ordnance Corps publication. Policies and statements reflected in the news and editorial columns represent the views of the individual writers and are not necessarily those of the Department of the Army, the Ordnance Corps, or Redstone Arsenal. Appearance of advertisements in the Rocket does not constitute an endorsement of the advertising matter by the Department of the Army, the Ordnance Corps, or Redstone Arsenal.

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## PROMOTED

(Continued From Page 1)

the University of Minnesota, the University of Maryland and Syracuse University. He won his bachelor of science degree at Maryland and a master's degree in business administration at Syracuse.

Col. Durrenberger entered the Army Oct. 20, 1940. He was a technical intelligence officer in the European Theater during World War II. After the war he became executive officer in the Rocket and Guided Missile Branch of the Ordnance Office, responsible for coordinating the Nike, Corporal and other developments.

He played a part in the selection of Redstone Arsenal as the Army's guided missile and rocket center. In 1950 he assisted in organizing the first guided missile coordination office in the Office, Chief of Ordnance. He became director of projects at Redstone the following year.

In 1952 he was named assistant director of Redstone's Ordnance Missile Laboratories, part of which was the Redstone Missile development group headed by Dr. Wernher von Braun.

He joined the group headed by Maj. Gen. J. B. Medaris in late 1955 at the time preparations were in progress for the activation of the Missile Agency in February, 1956. He arrived in Huntsville in January last year.

Col. Durrenberger wears the Bronze Star Medal, the European Theater Ribbon, and the Army of Occupation Medal for Germany, and other service ribbons.

Col. and Mrs. Durrenberger live at Redstone Arsenal. He is the son of Mr. and Mrs. J. G. Durrenberger of 506 Second Ave., South, St. Cloud, Minn.



JOSEPH C. MOQUIN

(Continued from Page 1)

## MOQUIN

"In recognition of outstanding public service, for outstanding competence in the field of industrial management, for noteworthy contributions to the planning, organizing, and administration of management engineering services for the Army Ballistic Missile Agency, and for valuable contributions to management education as a lecturer."

With the award came congratulatory letters from Lt. Gen. Donald P. Booth, Deputy Chief of Staff for Personnel; Maj. Gen. Edward J. O'Neill, Deputy Chief of Staff for Logistics and Lt. Gen. E. L. Cummings, the Chief of Ordnance.

## COL. STARK DEPARTING TO COMMAND SAN FRANCISCO ORDNANCE DISTRICT

Col. John M. Stark, who has directed the Industrial Operations Division of the Army Ballistic Missile Agency since July 1, 1956, is leaving Huntsville to become commanding officer of the San Francisco Ordnance District to complete his Army career.

Prior to joining the Agency, Col. Stark was chief of the Industrial Operations Branch in the Industrial Division, Office, Chief of Ordnance.

He is a native Californian, the son of Mr. and Mrs. John M. Stark of 1123 Florida St., Vallejo. Col. Stark was graduated from Vallejo High School and the University of California at Berkeley. He studied business organization and management.

During World War II he served with the 4th Service Command and Army Services Forces in Washington.

In 1950 he was assigned to the Ordnance Section of the Japan Logistical Command and assumed command of the Tokyo Engineering Works, the Ordnance Corps' major automotive assembly and rebuild shop in the Orient, for which service he was awarded the Legion of Merit. Following this he assumed command of the Oppona Ordnance Shop in Japan.

He was commanding officer of

Gen. Medaris told Moquin his selection "reflects justifiable recognition for your accomplishments."

A native of Middleboro, Mass., Moquin attended Middleboro High School, and Mississippi State College and Washington University where he received a degree in industrial engineering.

He entered the Civil Service in 1952 as industrial engineer at the Ordnance Management Engineering School at Rock Island, Ill. He later became its director and held this position when called to the Missile Agency last year.

He was elected president of the Mississippi Valley Chapter of the American Institute of Industrial Engineers in 1955.

the San Francisco Ordnance District at Oakland, Calif., from 1953 to 1955 and then joined the Office, Chief of Ordnance in the Industrial Operations Branch.

Col. Mrs. Stark, Judith Ann and Susan Joyce have been residing at 47 Ripley Drive, Redstone Arsenal.

## Toastmasters Honor Mayfield, Prepare To Hold Election

Webb Mayfield was selected "best speaker" at the regular weekly meeting of the Redstone Toastmasters last Tuesday night at Morrison's Restaurant for a "panic" speech on the requirements of effective speaking compared to a fountain pen. A "panic" speech is an unprepared talk given in the absence of a regularly scheduled speaker. Others on the program included Tony Demetriou, who reviewed his experiences in the period from 1953 to 1957, Walter Barney, who discussed some characteristics of hi-fi addicts and equipment, and T. C. Burns, who reported on the international meeting held in Dallas, Texas.

Toastmaster for the evening was Bob Cramer. Table Topics were led by Maj. George D'Louhy; Tom Enzor served as general evaluator. The positions of grammarian and parliamentarian were filled by Maj. Jack Cary and Maj. Bud Parker.

Nominations for officers for the coming term were submitted by the nominating committee during

An altar is a place where a bachelor loses control of himself.

Apple, ripe for overseas duty, has been picked for an assignment in Korea.

the business session. Elections will be installed in October. The nominee held at the next regularly scheduled meeting, and the new officers will be installed in October. The nominating committee was headed by Maj. Parker.

Guests for the session included Leo Smock, Clay Morgan, Roy Pugh and Vince Kensile.

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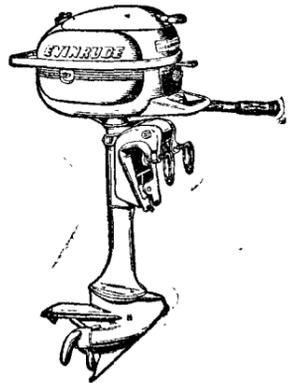
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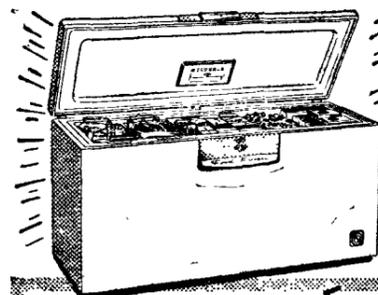
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(Continued From Page 1)

al area set aside for the Group. They are presently attached to the Army Ballistic Missile Agency.

Headquarters and Headquarters Battery of the 40th Group with a strength of four officers and 45 enlisted men will be transferred here from Ft. Carson, Colo., arriving about September 6. Units presently attached to the 40th Group at Ft. Carson will remain there.

Headquarters and Headquarters Battery of the 40th Field Artillery Group will be redesignated the Headquarters and Headquarters Battery of the new missile group. More officers and men will be assigned after its arrival to bring the unit to full strength.

The 217th Battalion, firing unit of the new Group, will make up approximately one-third of the total Group strength. The Battalion has been training at ABMA since April, 1956. It has two firing batteries, each equipped with a transportable launcher to handle the Redstone missiles.

Maj. Gen. J. B. Medaris, commanding general of the Missile Agency, explained that training of the REDSTONE unit will be supervised by Continental Army Command. Current planning visualizes that sometime in the future, school-type training with the 60-foot missile will be transferred from the Arsenal to Ft. Sill, Okla., the Artillery training center.

Col. Gildart, the commander, was chief of the Plans Division at Headquarters, Continental Army Command, until his new assignment.

He is a graduate of Western High School, Washington, D. C., and the U. S. Military Academy, Class of 1937. His father, Lt. Col.

**IN PAST 10 YEARS, 13,000 INDUSTRIAL WORKERS HAVE SAVED THEIR SIGHT BY WEARING SAFETY GLASSES**

Gratifying news from the National Society for the Prevention of Blindness: in just 10 years, more than 13,000 industrial workers have saved their sight by wearing safety eyewear at the time of on-the-job accidents.

But, the Society warns, look for at least 300,000 eye accidents in 1957.

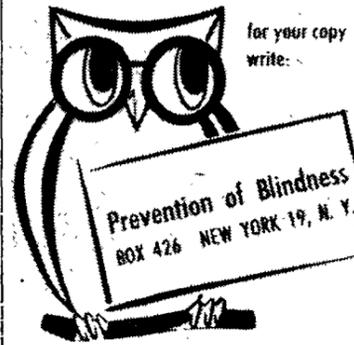
Workers who have saved their sight are inducted into a unique organization, the Wise Owl Club of America. Wise Owls receive certificates, gold pins and badges which dramatically remind other employees of the value of eye protection at work. Men and women members in over 1,600 plants in all 48 states, Canada, Hawaii, Cuba and Puerto Rico represent an aggregate employe total of more than 2.5 million.

Wise Owls' 10 anniversary coincides with nationwide observance of September as "Sight-Saving Month." The Club grew from an idea of an ACF Industries employe. Joe Folks, whose eye safety equipment had saved his own sight on more than one occasion, thought there ought to be some tangible recognition of those who protected their precious vision. Both management and labor agreed the idea had merit. Today, under the auspices of the Prevention of Blindness Society, the club has grown to a stage where its members represent \$50 million in

R. C. Gildart of Albion, Mich., died with the Army of Occupation in Germany in February, 1919.

Col. and Mrs. Gildart are living at 52 Bomford Drive, Redstone Arsenal, the Group's training area.

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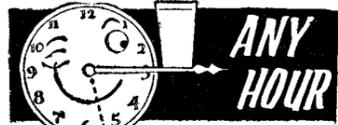
SCHWEINFURT, Germany — Howitzer crewmen and service personnel in the 35th Field Artillery Battalion's Battery B here have finally hit upon a way to settle the thorny question — who does the barracks chores?

The new arbiter is a weekly softball game, pitting cannoneers against clerks, wiremen, radio operators and the like.

With a dreary week at stake of sweeping and mopping corridors, cleaning latrines, and straightening up the dayroom, no World Series ball game was ever more hotly contested. To the victors goes what has been described as "a week of gracious early-morning lounging."

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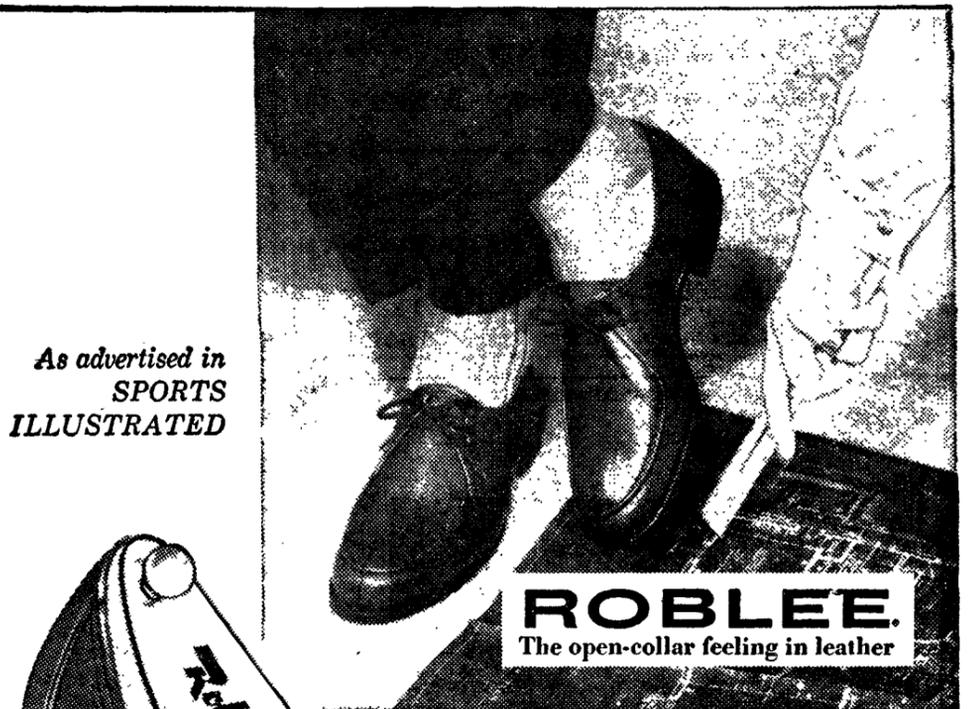
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# At The Service Club

It's jean-donning time at the SC. The tinge of autumn in the air has fired our imaginations with ideas for the fall programs. The Tennessee Valley, a lovely place during this season, offers a perfect setting for some of the scheduled outdoor activities. We are off to the Dock Area on Saturday night at 1900 hours on a hayride and hot dog feast. The invited guests, of course, are the EM, their families, and guests. Please R.S.V.P. by signing up for this outing at the Club by tomorrow night (Thursday).

The Beginners Bridge Class bulged with those anxious to master the bidding last Wednesday night. Professor Don "Blackwood" Main had to get a few assistant professors to help explain the intricacies of the game to the new players. This game is contagious and if you stay around here long enough you are bound to catch the bridge bug. The lessons begin each Wednesday night at 1830 hours. New members are welcome and you can join at any time.

Each week we have a Duplicate Bridge game going on. Although at this time they are not regularly scheduled we always have a group around who is anxious to get a game going. The participation and

competition increases each week, and we hope to have six or eight tables in the game in the very, very near future.

The dancing lessons get under way at 1930 hours on Tuesday, Sept. 10. So far few people have registered for the classes, but a great many inquiries have been made concerning the lessons. At least 12 dancers must register before the lessons can be given. So shake a leg and register before the Sept. 9 deadline. Remember the lessons are open to all who work at the arsenal. The price—\$3.00 for the six-week course—is right and the instructor is excellent. Let's roll back the rug and get everybody dancing.

**ATTENTION —** All Servicemen. The Small Games Tournament starts on Wednesday, the 11. You may compete in any of the four categories — ping pong, badminton, handball, or horseshoes. On Wednesday and Thursday nights the ping pong and horseshoes games will be played, and the badminton contests will be held from 1300-1700 hours on Saturday afternoons. The winners of both the singles and doubles matches will go to Ft. Benning in October for the 3rd Army competition. Sign up for these games by Tuesday, September 9. At the ping pong tournament held last Thursday night Charles Lewis mowed everybody down with the fine games he played. Some of the ping pong players were not able to be here for this tournament, but we hope you'll plan to enter the next one and give Charles some real competition.

The bells tolled for our chessmen at the recent chess meet at Ft. McClellan. By its own admission our team was out-manuevered in this brain wrinkling trial. It was felt that most of the trouble was due to lack of practice. A rejuvenation of the group is in process, and all chess players are



**RESIGNS—**George K. Williams, legal advisor at Redstone Arsenal since October 1956, has resigned his position to enter private practice in Huntsville. The son of Mr. and Mrs. J. Rob Williams of Greenville, Ala., Mr. Williams is a graduate of the University of Alabama law school where he was a member of Pi Kappa Alpha fraternity. His office will be in the Terry-Hutchens Building.

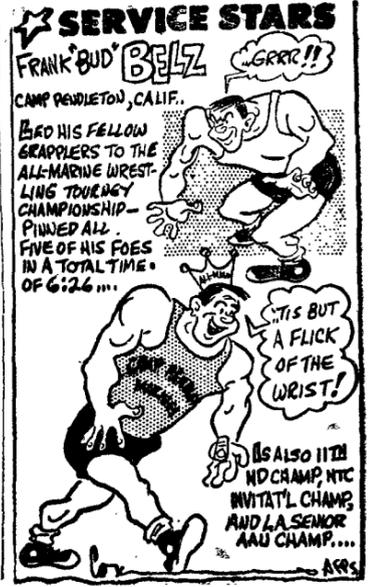
urged to meet on Wednesday nights at 1900 hours. It is hoped that arrangements can be made to have both the Ft. Benning and Ft. McClellan teams here in October, and we want our team to be fit as a fiddle.

We've got coffee again, so see you at Coffee Call. **MURIEL**

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SEOUL, Korea — The "inestimable assistance" of the American soldier in bolstering the material well-being and morale of our Korean allies was noted by the Right Reverend Harry S. Kennedy, Bishop of Honolulu, in a report following a two-month visit to his far-flung diocese.

As a representative of the Armed Forces Commission of the Episcopal Church, Dr. Kennedy included talks with military chaplains and personnel at Guam, Formosa, Okinawa, Japan and Korea during his annual tour.

"Trained from childhood in the American way of helping one's neighbor, literally ten of thousands of soldiers have given lavishly of their money and labor in providing relief for the sick, the hungry and the shelterless, orphaned children, the aged and the thousands mutilated by war," Bishop Kennedy wrote after his sixth visit to Korea since 1951.

Noting that Korea's terrain and weather, the separation of 16 months from family, and the nearness of the potential aggressor calls for "rugged manhood" and "tests the heart, the mind and body of a soldier," Bishop Kennedy commented favorably on the morale of the soldiers and their awareness of the importance of their mission.

"There is less tolerance of delinquency in the Eighth Army than there is in the average civilian community where competing interests so often compromise moral standards," he stated.

Bishop Kennedy observed that

temptations of men away from home, whether at college in a strange city, or overseas, are more demanding than when the individual has the presence of family and friends to support him.

"The clergy serving in the Army, the officers discharging their responsibilities as 'father of their men,' the family-church-school background of the individual, and the letters from home contribute assistance and guidance in personal decisions," the report continues. "If one looks for disappointments, one can find them. However, if one relates the delinquency incidents to the wonderful accomplishments of our men as soldiers and ambassadors of good will, the result makes one very proud indeed. Our youths are our greatest asset. We do not have to sell the short."

**Wantads Are Money Savers**

**Battle-Tested Vets Teach Infantrymen**

FORT CARSON, Colo. — More than a century of Army service and many years of battle experience are represented among the non-commissioned officers who train advanced combat trainees in Company C of the 60th Infantry Regiment here.

The eleven non-coms have a combined total of 123 years in the Army, with individual time in service ranging from six to 20 years.

Nine of them fought in Europe during World War II, and the other two sergeants saw action in the Korean conflict. All have been on duty in at least three foreign countries.

The new soldiers, in their second eight-week training phase, are inclined to listen with respect, even when the text is on the importance of thorough (repetitive) training. After all, the teachers were in combat and lived to tell about it.

**SHORT FIELD TOUR GIVEN 640,000 PART-TIME TROOPS**

WASHINGTON — America's citizen-soldiers outnumbered the men of the active Army on duty in the United States this summer as more than 640,000 members of the Army Reserve, Reserve Officers Training Corps and National Guard participate in their annual summer field training.

Largest component among the two-week summer trainees is the Army National Guard. Approximately 380,000 members of the Army Guard have come from 21 infantry and six armored divisions, nine armored cavalry regiments, 13 separate infantry regimental combat teams, three ar-

mored groups and hundreds of other smaller combat, service and support units.

The 245,000 members of the Army Reserve taking training for two weeks are from 12 replacement training divisions, ten combat divisions, and two maneuver area commands, as well as ten logistical commands, various Reserve corps headquarters, artillery groups and several hundred companies, detachments and other specialized units.

Advanced (end of junior year) ROTC students, 15,500 strong from 253 colleges and universities in the United States and its territories, are receiving six weeks of training at 15 camps scattered over the country as part of their final training to qualify for commissions as officers in the Army Reserve and Regular Army.

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BABY BEEF	<b>T-BONE STEAK</b>	LB.	<b>79¢</b>	FRESH, LEAN	<b>GROUND BEEF</b>	2 LBS.	<b>79¢</b>
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**SCIENCE IN ROCKETRY** — Two ambitious young high school science students last week were given an intimate look at the teamwork required from engineers and scientists in every field to produce a rocket or guided missile system at Redstone Arsenal. State winners in the National Science Fair, the boys toured the Arsenal, the Ordnance Guided Missile School, and the Army Ballistic Missile Agency. They were Mark C. Smith, 16, son of Mr. and Mrs. Gerald Smith of Birmingham, and Bob Brandon, 18, son of Mr. and Mrs. W. L. Brandon, 105 Kent Rd., Huntsville. Above, Maj. Gen. H. N. Toftov, Redstone commander, explains the Army's truck-transported Lacrosse missile from a model to Mark, center, and Bob. Later at ABMA they realized the dream of many a high school missile-minded lad by meeting Dr. Wernher von Braun.

Page 6 THE REDSTONE ROCKET — SEPT. 5, 1957

Former shipmates of the transport President Adams, who are interested in a planned reunion, contact Albert Filipelli, 1546 Kimball, St., Brooklyn, N. Y.

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**GRAVLEE VOTED  
BEST SPEAKER**

The Mason-Dixon Toastmasters Club held their weekly meeting at the Russell Eiskine Hotel last Monday night at 6:15. The impromptu portion of the meeting, which emphasized the importance

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of evaluation, was conducted by Lee Cropp.

The evening's program of speakers was introduced by Toastmaster Roger Clapp. The program of speakers included Gaines Gravlee, Waile Branum, George Bittenbender, and George Woodward. Gaines Gravlee was voted best speaker of the evening on his speech entitled "How Wrong Can We Be?" His speech emphasized the correct usage of words. The guest of the evening was Mr. G. O. Baten, Glenn L. Martin representative at Redstone Arsenal.

On March 17, 1945, the USAF dropped 4,600,000 pounds of incendiaries on Kobe, Japan.

Two-way air-ground radio communications were successfully demonstrated on Dec. 16, 1914.

The first test program of Army aircraft was made from Sept. 3-17, 1908.

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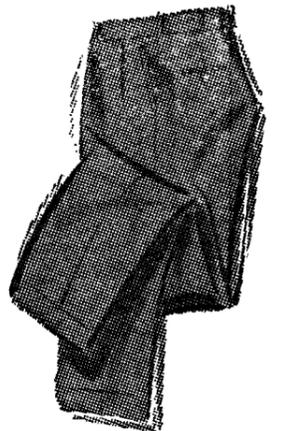
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# THRILLS ARE PROMISED BY CLYDE BEATTY 3 RING CIRCUS

The Clyde Beatty Circus, one of the world's largest amusement organizations, will exhibit in Huntsville, Thursday, Sept. 5, on No. Memorial Parkway. The performance is under the auspices of the Junior Chamber of Commerce.

More than 150 performers representing the best talent obtainable from the five continents of the world are to be seen with the big show this season.

As a prelude to the circus performance, a gloriously enchanting and stupendous spectacle entitled "La Persia", a gorgeous fiesta, is unfolded. There will be dancing girls; great companies of trained singers; orchestras of vast size, grand golden-toned organs, and the crash of cymbals.

Clyde Beatty, the famous wild animal trainer, will appear at each performance in the big cage, battling 40 lions and tigers. Beatty has appeared as the star in more than 30 feature films, "Ring of Fear," "Africa Screams" etc.

The internationally famous Zoppe Alberto family of riders with the celebrated comedian, come from Europe to thrill and amaze, along with the Saber Jets



Troupe, aerialists, and the flying Thrillers. Clowns headed by Bozo Ward, Chick Yale and Joe Miacco, will furnish fun for the little folks. Clyde Beatty's troupe of dancing horses, ridden by feminine riders will be seen.

There are 600 people with the big show which recently returned

## Geronimo's Descendant Plans 'Geronimo' Drop

FORT CARSON, Colo. — There is one soldier on this Army post who is allowed to deviate from the familiar basic trainee's haircut. He has gone the skimpy haircut one step farther, with only a strip of hair down the center of his scalp in traditional Indian style.

Private Harold Brokesoulder of (Route 1) Prague, Okla., is a full blooded Apache Indian, a descendant of the famed Geronimo. Brokesoulder's father, killed in action in World War II, was a close relative of the stubborn Indian chieftain.

Brokesoulder is taking basic combat training but plans to join an airborne unit as soon as possible.

When he leaps from an airplane yelling the traditional paratroopers' battle cry of "Geronimo," it should be a war whoop of unusual realism.

to America after a tour of South America. The 150 performers represent eight foreign countries. Twenty-two tents covering 12 acres of ground.

The performances will be given at 3 and 8 p.m. The doors will open an hour earlier to permit an inspection of the immense zoo or to enjoy a concert of popular and operatic music by a superb military band.



**CUDDLING** — That's a stuffed toy dog nuzzling French film actress Christine Carere. She's shown leaving New York for her first Hollywood role.

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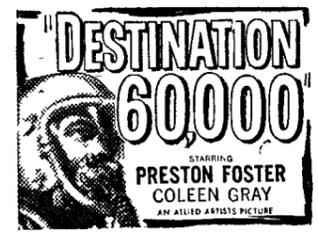
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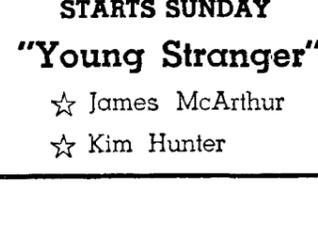
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SUNDAY & MONDAY



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## Unit Bowling League Play to Begin Friday

Activity in the Redstone Arsenal Unit Level Winter Bowling League get under way on Friday, Special Services reports. At least six teams are expected to enter the play, which will be held at the alley in Huntsville.

This league is open to company or detachment size units, and each unit may enter one team. In the event sufficient entries are not received to form a league, units may submit a second team to represent their unit. The selection of additional teams will be the responsibility of the special services officer.

Each unit desiring to enter a team should submit to the special services officer a written entry to include name and rank of six individual members.

Entry must arrive at Special Services office no later than 4 p.m., September 5.

It will be the responsibility of

individual players to pay line fees or, if approved by Fund Council, fees may be borne by unit funds.

Trophies will be awarded by the Special Services office.

All play will be governed by American Congress rules.

## ROCKETS ENTER 3RD ARMY PLAY

The Rockets are departing Saturday for the Third Army Baseball Tournament at Fort Rucker, Ala. It is the first time in three years that the baseball team has entered the big play-off with more wins for the season than losses.

The Rockets are going to Fort Rucker with a lot of confidence because the team has had a good showing against all the entering clubs during the season.

Orville Wright opened the first Wright Flying School at Montgomery, Ala., in March, 1910, on the site which later became Maxwell Field.

Former President Theodore Roosevelt became the first President to fly when he was a passenger on a flight at St. Louis, Mo., on Oct. 11, 1910.

One of this nation's major worries is, who's going to test cigarettes if all our doctors are drafted?

## REDSTONE PISTOL CLUB TAKES PAIR OF BIRMINGHAM CONTESTS

Both the Expert Class Pistol Team and the Sharpshooter Class Pistol Team from Redstone won over the Birmingham Pistol Club Teams in the matches held at the Birmingham Range on Aug. 25. Veteran members of the Redstone teams fired the last match in a heavy driving rain of almost deluge proportions to clinch the win with over 3700 points out of a possible 4400.

Members of the winning teams were: Expert Class — Maj. Vernon Lee Dawson, RSA; Capt. Geo. H. Adams, RSA; Capt. Luther G. Walker, OGMS; CWO George M. Seely, OGMS.

Sharpshooter Class — Lt. Col. Bruce Pierce, RSA; CWO Daniel D. Cogswell, OGMS; Pfc. Thomas E. Rickman, ABMA; Mr. Robert Ekis, RSA.

In addition to the team wins, the following were individual winners:

Capt. Adams, 1st Expert in 22 Rapid Fire Match and 2d Expert in the Center Fire National Match Course.

SFC Robert Burket, OGMS, a new member of the team won the 45 Caliber National Match Course with a score of 268 out of a possible 300.

CWO Cogswell, was 2d Sharpshooter in the 22 Caliber and Center Fire National Match Courses.

Pfc. Rickman won the Center Fire National Match Course with a score of 270 out of a possible 300. He was first sharpshooter in the 45 Caliber NMC and 2d Sharpshooter in the 22 Caliber Rapid Fire Match.

SP3 Frank E. Kobe, ABMA, was 1st Marksman in the 45 Caliber NMC.

## Army Physicist Develops Coating On Earth Satellite

FORT BELVOIR, Va. — Dr. Georg H. Hass, physicist at the U. S. Army Corps of Engineers' Research and Development Laboratories here, developed and supervised the application of the final coating for the "Project Vanguard" earth satellite.

This is the German-born scientist's most recent contribution in a long list of achievements that

SP3 Donald R. Watkins, ABMA, was 1st Marksman in the 22 Rapid Fire Course and 2d Caliber NMC.

Capt. Joseph Davison, OGMS, was 1st Marksman in the Center Fire NMC and 2d Marksman in the 22 Caliber Rapid Fire Match.

Capt. Milton Young, OGMS, was 2d Marksman in the NMC.

have won him international recognition as an expert in optics and the holder of many patents.

For his work on the satellite Dr. Hass recently received an "Outstanding" performance award from the Laboratories, his second in three years.

Dr. Hass has developed a number of optical materials and components at the Laboratories to solve technical problems in military infra-red weapons and has conducted investigations in the field of light and electron optics. His chief interests, however, are the optical properties and oxidizing phenomena of metal surfaces.

Dr. Hass, who came to the Laboratories from Germany shortly after World War II, has also worked with the National Science Foundation in evaluating research proposals in the field of infra-red.

Many historical exhibits depicting the past achievements of the Norfolk Naval Shipyard are displayed in the shipyard's museum at Portsmouth, Va.

The coroner is what too many people approach at 60 miles an hour.

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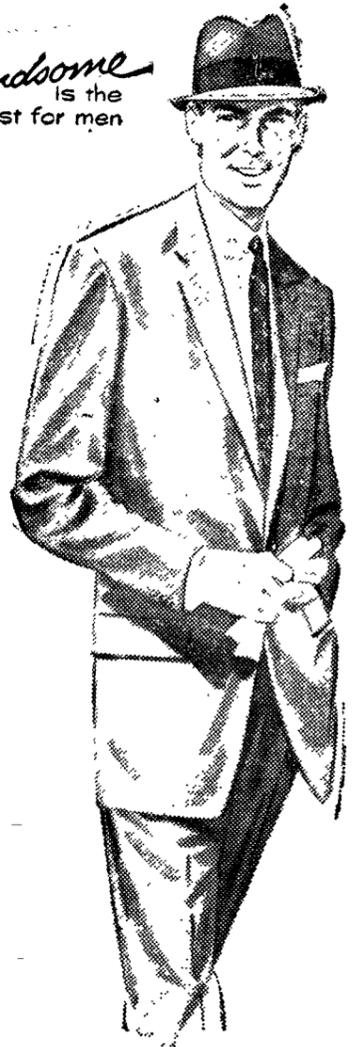
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# Islander Entertains With Musical Spoons

"It's all in the way you hold them," said musical spoon player Henry E. Nakamura. With these words of wisdom he proceeded to charm the impromptu lunch-hour gathering of civilian employes in Headquarters, Ordnance Guided Missile School.

Quite a talented fellow, Hank was prevailed upon to provide lunch time entertainment recently and, with two ordinary table-spoons, chattered a rhythmic accompaniment to "Sweet Georgia Brown" and other swing melodies.

His musical expression is not limited to spoonplaying at lunches, however. His buddies in the barracks got "concerts" from "General Pineapple" on the ukulele, mandolin, bass, drums, banjo, and guitar, as well as the spoons.

Hank's career in "uniform" began as a Cub Scout. From there he progressed to the Boy Scouts



HENRY E. NAKAMURA

of America, the National Guard, U. S. Army, and then "General Pineapple." Though his rank is actually Specialist Third Class, this chief clerk of the U. S. Army Signal Electronics Training Detachment at OGMS got the promotion to "General" when he began using the nickname in answering phone calls from his friends.

An extremely rugged "General," he holds a brown belt in Judo and used to play football in the famous Hawaiian Barefoot Football League. Hank's formal education was interrupted when he entered the Army after graduating from Lahainaluna Technical High School in Maui, Hawaii.

He plans to continue his education at Michigan State University in East Lansing, Mich., studying police science and criminology following his discharge next month. He hopes to play football as a halfback at M.S.U.—this time with shoes.

# NON-COMS PASS IDEAS TO 'BOSS' THROUGH COUNCIL

CAMP WOLTERS, Tex — "Efficiency and morale" are created by the post Non-Commissioned Officers Council here, according to Colonel John L. Inskeep, commanding officer of the post and of the U. S. Army Primary Helicopter School.

The council, composed of seven master sergeants representing every unit on the post, screens recommendations, suggestions and problems submitted by the separate unit NCO councils, then passes on its considered suggestions for action to the post commander.

In a two-way exchange, the council assists in keeping the enlisted men informed of the commander's policies and current Army developments.

The council concerns itself with problems ranging from those affecting everyday living comforts to those requiring policy decisions of long-range effect on esprit and morale.

At a recent typical meeting, the Post NCO Council made suggestions dealing with washing machines in the billets, uniforms, safety, housing, the placement of NCO's on the promotion and classification board, air conditioning, fire safety for the trailer court, and special NCO housing.

The ambitious Hawaiian used to scamper up coconut trees, lop off coconuts, and then climb down and husk them, to the delight of tourists. Hank used to work in the pineapple fields, too, and is quite proud of both his unusual background and his island home. He plans to send a gift package of pineapples, coconuts, some of the smaller, expensive kukui nuts, and some flowers to the employes at OGMS after arriving home to be discharged.

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& 'Til Late Thursday Night



**FIELD KITCHEN** — Lawrence G. Leary, cook at El Centro NAS, Calif., demonstrates that he can fry an egg without a grill on the runway at the air station. The runway temperature reached 140 degrees. The egg was done in two minutes, sunny side up..

The first Naval Air Station was established at Pensacola, Fla., on Jan. 31, 1907.

The first Navy physical examination for pilots was published by the Bureau of Medicine and Surgery on Oct. 8, 1912.

The greatest weight of bombs dropped on a single target in Europe during WWII fell on Essen where 1,079 bombers released 4,738 tons of high explosives.

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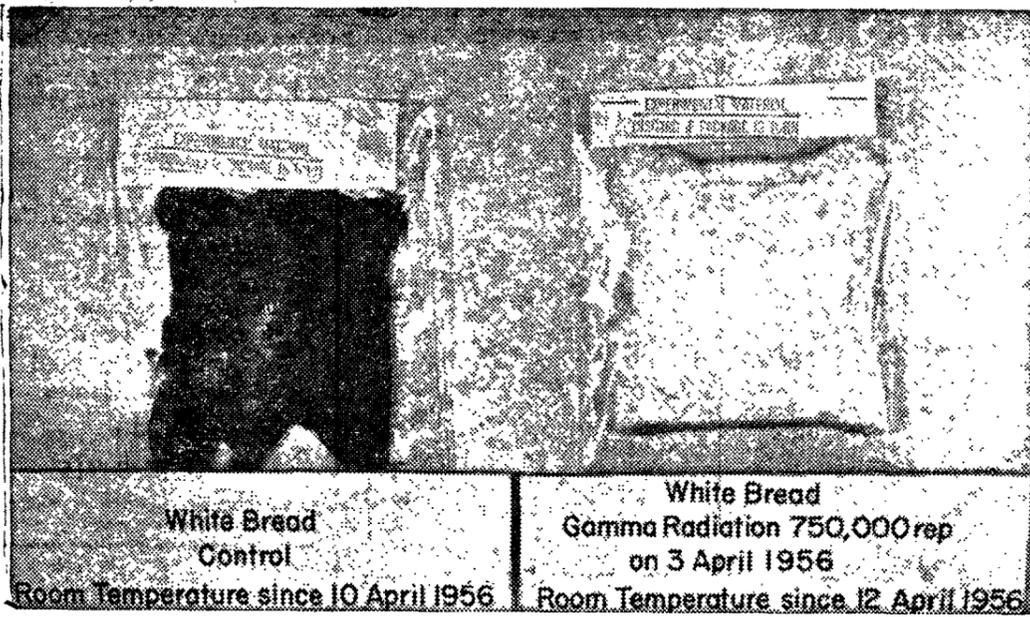
Try our food values for size! Once you see how much further your food dollars go here, you'll be back early and often. You always come out ahead when you food-shop here!

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**'NUCLEAR WARFARE' ON FOOD MAY REVOLUTIONIZE FEEDING OF MILITARY, ASSIST ATOM-AGE MOBILITY**

NATICK, Mass. — Eating a

rare pork chop would be unhealthy and unappetizing, but one Congressman has expressed eagerness to try this dubious delicacy.

Representative Sterling Cole of New York, a member of the Subcommittee on Research and Development of the Joint Committee on Atomic Energy, 84th Congress, voiced this unusual ambition while listening to a progress report on atomic energy research in food preservation.

He is taking no great risk, however. The rare pork chop he was anticipating will have been irradiated to destroy any possibility of trichinosis.

It is one of the many food items undergoing atomic irradiation in the Army Quartermaster Corps' research and development program in food sterilization and preservation.

With a weekly grocery bill of more than \$10 million—of which more than half is for perishables—it is no wonder that the Department of Defense is looking into a more efficient method of preservation to supplement its present system of handling refrigerated and frozen foods.

Supplying foods overseas, in peace or in war, is a gigantic task

involving a network of warehouses, refrigerated trucks, rail cars, and ships. Radiation preservation of foods has the potential of easing the burden and reducing the expense of static refrigerated facilities.

Improving food quality is also of paramount importance in keeping a fighting man in an optimum physical and morale state, as Napoleon knew when he said "An army marches on its stomach."

The Office of the Surgeon General of the Army has conducted tests on the nutritional adequacy of irradiated foods and has found that the energy value of meat, vegetable and dairy products tested thus far has remained unchanged by irradiation. Vitamin loss generally is no greater than the food processed by conventional heat treatment.

Data obtained from both ani-

mal and human feeding experiments consistently fail to show any adverse nutritional effects, but official confirmation of this finding awaits decision by the Food and Drug Administration.

The reaction to radiation varies from food to food. Pork loin and pork sausage show no noticeable change in appearance or taste after nine months' storage at room temperature. Fresh and pre-cooked chicken stored for four months at room temperature are highly acceptable. Irradiated flour remains insect-free after nine months in temperatures up to 100 degrees, and produces bread with normal characteristics.

But a relatively short list of products requires further work: milk, cheese, butter, beef, veal frankfurters, lamb, cabbage, spinach, crabmeat, mackerel, bananas, oranges and strawberries. The list though short, includes foods of major importance in troop feeding.

Radiation preservation employs nuclear energy instead of heat to destroy the micro-organisms and enzymes which promote food decomposition. As this atomic process requires only a slight rise in temperature during exposure times measured only in seconds or minutes, it is often referred to as "cold sterilization."

To accelerate the program, the Department of the Army recently announced that it would establish an Army Ionizing Radiation

Center at Sharpe General Depot, Stockton, Calif. It is expected to begin operations in October, 1958, under the Quartermaster Research and Development Command in Natick. Designed for a processing peak of 1000 tons a month, it will provide pilot-plant experience with laboratory findings.

The Center will be constructed by the Army Corps of Engineers, and its nuclear reactor will be built by the Atomic Energy Commission. It will be available for radiation research on other materials such as plastics, leather goods, textiles, chemicals and rubber.

By minimizing the need for refrigeration in combat areas, irradiated foods are expected to reduce the Army's logistical load and increase its mobility, flexibility, and dispersibility.

The Aeronautical Division of the United States Army was established on Aug. 1, 1907.

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Drive out and see our display of quality home furnishings at wholesale prices. Our low overhead permits us to give you extra discount savings. Ask about our easy pay plan. Furniture Outlet Store, Meridianville, Ala., Phone JE 6-6857. Out-a-way — Less-to-pay tfc

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## GUNTERSVILLE LAKE

**NEW WATER FRONT SUB-DIVISION OPEN LABOR DAY, SEPTEMBER 2, 1957.** 47 water front lots facing main channel and lake. Priced from \$1,000.00 to \$2,500.00. Terms available. See ED NEELY, broker, Gunterville. Phone JU 2-3914 or JU-2-3230. 9-18c

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Office on Memorial P'kway N.

**FOR SALE** — 35-ft. house trailer, 1957 Nashua, like new. See Tuesday through Friday at Fleming Meadows sub-division or phone JE 4-4946 and ask for Hunt. tfc

**FOR SALE**— 3 bedroom home located on large corner lot, 2 baths, workshop, double garage, 4 mimosa trees, 6 fruit trees, evergreens, \$13,500.00. For information call Konrad K. Dannenburg, Phone JE 4-7577. tfc

**WANTED** — Ride from Athens to Thiohol to fit working hours of 7:45 to 4:15. Phone JE 2-5665 from 8 to 6. tfc

## ARMY FORESAW NATIONWIDE NEED FOR 'FLU' VACCINE

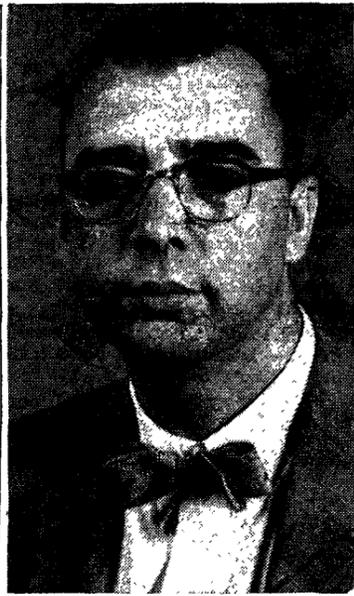
WASHINGTON — The U. S. Army Medical Service "did a Paul Revere" in sparkplugging the quick development of the vaccine which will be used to combat the Asiatic influenza expected to reach this country in epidemic proportions this fall and winter.

On April 18 a newspaper item reported an influenza outbreak in Honk Kong. The same day Walter Reed Army Institute of Research here and the Army Surgeon General cabled the Chief Surgeon of the Armed Forces in the Far East requesting that an epidemiologist be sent to investigate this report.

Just 34 days later a team headed by Dr. Maurice R. Hilleman, Chief of the Department of Respiratory Diseases at the Institute, identified the virus as one radically different from any known influenza strain.

The Army Institute of Research immediately advised manufacturers by telephone of the significance of this new strain and of its possible importance as the basis for a new vaccine.

Thus forewarned, the pharmaceutical industry promptly developed a commercial vaccine which it is now manufacturing at top



**VISITS EUROPE** — Dr. Walter W. Wharton, a chemist in the Research Laboratories of Research and Development Division, has just returned from a trip to Europe during which he presented a paper entitled "The n-Butane-Nitrogen Dioxide Flame Reaction" at the meeting of the Sixteenth International Congress of Pure and Applied Chemistry. Dr. Eugene Miller, former Chief of the Research Laboratories, was co-author. While in Europe, Dr. Wharton visited several university and industrial laboratories to discuss combustion problems with prominent scientists in the combustion field.

## Four Job Openings Are Announced

The U. S. Civil Service Board of Examiners announced openings in four fields of endeavor.

Announcement No. 5-35-27(57) is unassembled and gives the requirements for aircraft mechanics at WB-17 (\$2.44 per hour). Announcement No. 5-35-28(57) is for photographic equipment repairmen at two levels: WB-10 (\$1.93 per hour) and WB-14 (\$2.22 per hour).

Announcement No. 5-35-29(57) is for coal unloader operator at WB-8 (\$1.79 per hour) and announcement No. 5-35-30(57) gives the requirements for property and supply clerks at a GS-4 rating which draws a per annum salary of \$3,415. Persons who attained

speed in preparation for an early military and civilian mass vaccination requirement.

## IMMEDIATE POSSESSION

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JE 2-8211



**A FINAL TRIBUTE** — Col. Henry S. Newhall, commandant of the Ordnance Guided Missile School congratulates M/Sgt. Carl L. McMilion, who is retiring after completing more than 20 years of successful service in the Army.

## Religious Services

**PROTESTANT**  
0945 Hrs. — Sunday Church School, Grade 4 through Junior High.

1100 Hrs. — Sunday Church School, Age 3 through Grade 3.

1100 Hrs. — Morning Worship. Nursery for babies and small children.

1830 Hrs. — Young People's Meeting, Ages 12 and over.

1845 Hrs. — Thursdays—Choir Practice.

### CATHOLIC

0730 Hrs. — Confessions.

0800 Hrs. — High Mass.

Nursery for babies and small children.

### JEWISH

Services are held at Temple B'Nai Sholom, Lincoln and Clinton Streets, Huntsville, at 2000 Hrs. on Friday.

Attend the service of your faith regularly. If you haven't already started, begin this Sunday.

### BUS SCHEDULE FOR POST CHAPEL

South End of Arsenal

#### 0945 Session

Arr. 0900—Redstone Park Community Hall

Arr. 0910—Quarters 811

Arr. 0920—Circle Area

Arr. 0940—Chapel

Lv. 1050—Chapel

eligibility under announcement No. 5-35-4(52) as property and supply clerks will need to re-apply if they wish to be considered.

All four examinations are un-assembled.

Arr. 1110—Circle Area  
Arr. 1120—Quarters 811  
Arr. 1130—Redstone Park Community Hall

#### 1100 Session

Arr. 1000—Redstone Park Community Hall

Arr. 1010—Quarters 811

Arr. 1020—Circle Area

Arr. 1040—Chapel

Lv. 1205—Chapel

Arr. 1225—Circle Area

Arr. 1235—Quarters 811

Arr. 1245—Redstone Park Community Hall.

#### North End of Arsenal

##### 0945 Session

Arr. 0905—T-158 & T-159

Arr. 0915—Squirrel Hill

Arr. 0920—MCA Housing

Arr. 0930—Wherry Housing

Arr. 0940—Chapel

Lv. 1055—Chapel

Arr. 1105—Wherry Housing

Arr. 1115—MCA Housing

Arr. 1120—Squirrel Hill

Arr. 1130—T-158 & T-159

##### 1100 Session

Arr. 1010—T-158 & T-159

Arr. 1020—Squirrel Hill

Arr. 1030—MCA Housing

Arr. 1040—Wherry Housing

Arr. 1050—Chapel

Lv. 1205—Chapel

Arr. 1215—Wherry Housing

Arr. 1225—MCA Housing

Arr. 1230—Squirrel Hill

Arr. 1240—T-158 & T-159

They conquer who believe they can. He has not learned the lesson of life who does not each day surmount a fear.

—Ralph Waldo Emerson

## UNITED CREDIT PLAN

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### WOMAN OFFICER WORKS WITH ALLIES IN OBTAINING STANDARDIZED WEAPONS

WASHINGTON —In Pentagon case Major Elsie L. Weible of the Women's Army Corps is officially Chief of the Standardization Section of the Program Coordination Branch, Research and Development Division, Office of the Chief of Ordnance, AND Alternate U. S. Army Member, Category 1 Committee ABC (American, British, Canadian) Army Standardization Program.

Actually, Major Weible of (812 Estancia Way) San Rafael, Calif., is the first woman officer in the Ordnance Corps to serve as a member of the tri-nation committee of officers seeking to standardize the weapons and vehicles and other ordnance equipment of the three nations.

In her job, which she has had since June, 1956, Major Weible works desk-to-desk with officers of the Canadian and British Armies in the Pentagon, obtaining information on everything from small arms to guided missiles of the past, present and future.

The program goes back to 1946 when two veterans of World War II, American General Dwight D. Eisenhower and British Field Marshal Bernard L. Montgomery, for an exchange of views, determined that more than a common language was needed to hold allies together in battle.

They proposed a program to result in identical materiel, administration, tactics, training, and logistics for Britain, Canada and the United States.

In addition to arranging for American weapons and vehicles for testing by the British and Canadians and "borrowing" from the two nations for U. S. tests, Major Weible assists in keeping the British and Canadian armament people up-to-date on American ordnance matters.

One project she and her foreign colleagues are concerned with is obtaining a light tank suitable for the armies of the three nations which would also replace the Walker "Bulldog" the present light tank introduced during the Korean fighting.

The desired tank would be air transportable without requiring extensive modifications of planes of the three nations, have more firepower, lower cost of production and maintenance, increased speed and ability to take obstacles, and more efficient fuel consumption.

The recently publicized adoption of new rifles and automatic weapons by the NATO forces has a counterpart in a current artillery study. The British and Canadians have already adopted the famed American "Long Tom," the 155 mm gun, a towed weapon. Canadians and Americans are working together on a new self-propelled model of the same weapon.

A former student at the University of California at Los Angeles,

Major Weible enlisted in the Army in January, 1943, and was commissioned in June, 1943. She is a graduate of the WAC Advanced Officers' Course and served with Army Ordnance in Japan from 1952 to 1954.

No one would have crossed the ocean if he could have gotten off the ship in the storm.

—Charles F. Kettering

### OGMS SERGEANT RETIRES AFTER 20

(Picture on Page 11)

M Sgt. Carl L. McMillion of Russelville, Va., a chief storage specialist at the Ordnance Guided Missile School, retired from the Army Saturday after successfully completing more than 20 years of service.

McMillion entered the service in June 1937 and took basic training at Fort Slocum, N. Y.

Having served in many parts of the United States, he has also

seen duty in the Southwest Pacific, (New Guinea, New Britain, Philippines, Guam and many other islands) Italy, Korea, and Germany.

The many decorations and awards he is authorized to wear are the American Defense Medal, American Theater Medal, Army Occupational Medal, Asiatic Pacific Medal, Philippines Ribbon, Good Conduct Medal, United Nations Service Medal, World War II Victory Medal, Korean Service Medal, and National Defense Medal.

He is married to the former Cora Gann, of Anniston, Ala. They reside at 1200 Hillsboro Road, Huntsville, with their children,

The Inquiring Mind is never satisfied with things as they are. It is always seeking ways to make things better and do things better. It assumes that everything and anything can be improved.

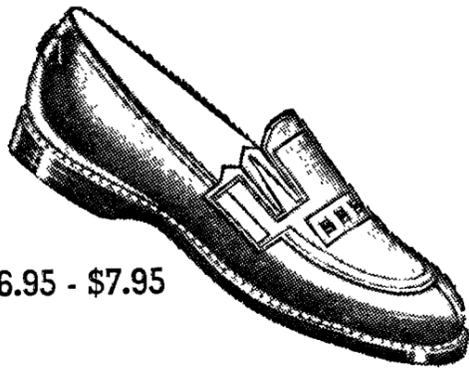
—Harlow H. Curtice

Whether you be man or woman you will never do anything in this world without courage. It is the greatest quality of the mind next to honor.

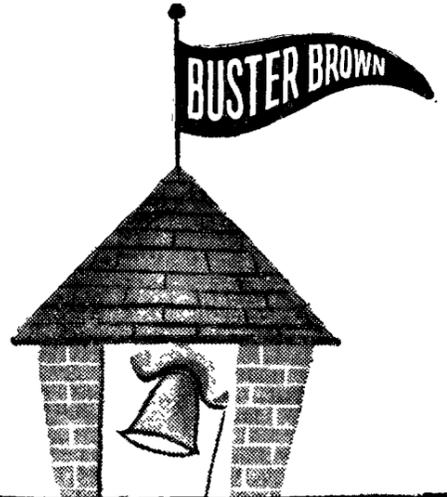
—James L. Allen

Read the Wantads for Bargains

John, 10, Carl, 5, James, 4, and baby daughter Honor, age six months.



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MORE KIDS GO BACK TO SCHOOL IN

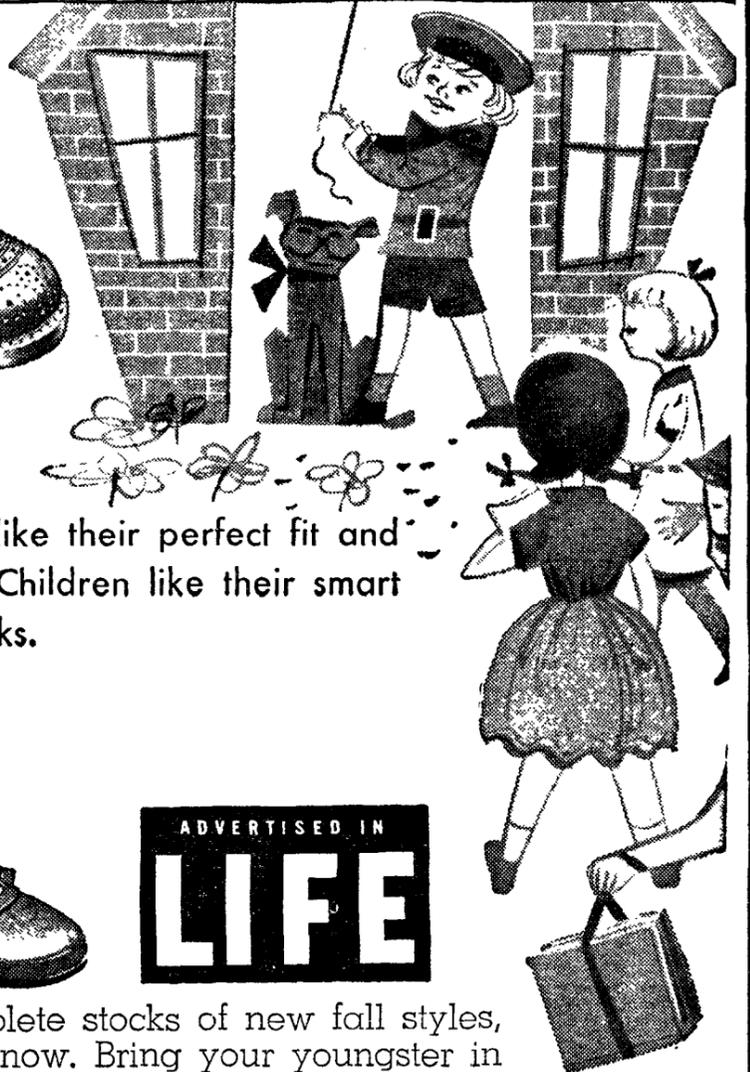
*Buster Brown* SHOES than any other brand because



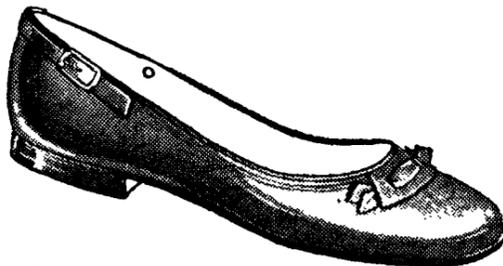
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**LINES AND LINES** — Beauty queen Bobbie Baker displays a set of lines to hook a fish, and an assortment of lines that ought to hook any man. Photo was snapped in Miami Beach, Fla., where Bobbie was chosen summer fishing tournament queen.