

# The Redstone Rocket

VOL. V; NO. 40

REDSTONE ARSENAL, HUNTSVILLE, ALABAMA

JANUARY 29, 1957

## TOFTOY, MEDARIS RECOMMENDED FOR PERMANENT RANK PROMOTIONS

The commanding generals of Redstone Arsenal and the Army Ballistic Missile Agency have been recommended by President Eisenhower for promotion to the next highest permanent grade.

Both hold the temporary rank of major general.

Maj. Gen. H. N. Toftoy of Redstone has been approved for pro-

motion to the permanent grade of major general.

Maj. Gen. J. B. Medaris of the Missile Agency has been approved for the permanent rank of brigadier general.

The president endorsed the Department of the Army's recommendation that over 100 officers be elevated to permanent ranks. As vacancies occur, the names will be submitted to Congress for final action.

## GERMAN OFFICIALS VISIT REDSTONE

(Photo Inside)

Six officials representing the Federal Republic of Germany arrived at Redstone Arsenal last week for an orientation tour of the U. S. Army's center for research and development of rockets and guided missiles.

The West German group, invited to this country by the U. S. Department of the Army, was the first ever to visit Redstone. Their official tour will carry them to several other U. S. military installations, also. They left Redstone for White Sands Proving Ground, New Mexico.

The visitors included Lt. Gen. (Retd.) Wolfgang Vorwald, Col. Joachim Luetzow, Col. (Retd.) Kurt Braennig, Col. (Retd.) Maximilian Bohlan, Dr. Walter Hofmeir, and Mr. Otto Baier. Escorting them was Lt. Col. Roland Tiede, of the Research and Development Division, Office, Chief of Staff, Washington, D. C.

The delegation was welcomed at the local airport by Huntsville Mayor R. B. Searcy; Maj. Jack Carstarphen, Arsenal assistant executive officer; and Dr. Martin Schilling, of the Arsenal's Research and Development Division. Dr. Schilling is one of some 120 former Germans — now all naturalized American citizens—who came to the United States shortly after the end of World War II to work in the U. S. Army's rocket and guided missile program, first at Ft. Bliss, Texas, and later at Redstone Arsenal.

The delegation visiting Redstone Arsenal was welcomed by Brig. Gen. John G. Shinkle, deputy commanding general.

The group visited several missile research and development laboratories, as well as test firing ranges, at the installation. One morning was spent touring the Ordnance Guided Missile School.

Indicative of Redstone Arsenal's growing international importance, the German group's visit marked the third such tour by delegations representing foreign countries in the past two weeks. The previous visitors were from France and Canada.

## Gen. Shinkle Speaks To Magazine Editors

Brig. Gen. John G. Shinkle, deputy commanding general of Redstone Arsenal, delivered the principal address at the annual meeting of the Society of Business Magazine Editors in Washington, D. C., last Friday.

He spoke on "Better Missiles Through Research and Development."

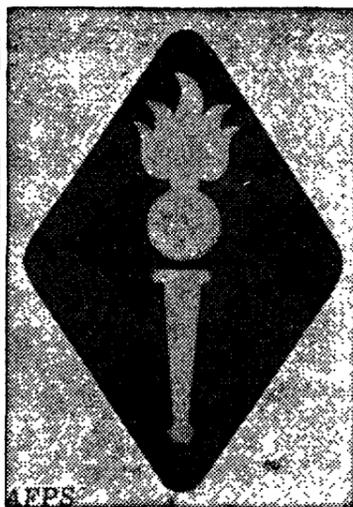
## 23 PCT. OF ABMA EMPLOYEES HAVE COLLEGE DEGREES

Twenty-three percent of Army Ballistic Missile Agency employees have college degrees.

Maj. Gen. J. B. Medaris, Agency commander, last week announced results of a personnel survey and noted that the proportion of college-trained employees is considerably higher than in most government installations and in many industries.

Since the Agency was established Feb. 1, 1956, nation-wide

(See 23 PCT. on Page 2)



## OGMS DUE NEW SHOULDER PATCH

Personnel of the Ordnance Guided Missile School will shortly be wearing a new red and yellow shoulder patch.

The new insignia, designed for members of the Ordnance Training Command, consists of a yellow torch handle and flaming Ordnance bomb set on a red diamond-shaped background with rounded corners.

The patch will be worn by all personnel assigned to OGMS with the exception of students. It will be authorized for cadre, staff, and faculty, overhead personnel, and for TO/E units assigned to OGMS.

The Redstone Post Exchange expects its initial stock of patches to be available for sale within six weeks. The patch will sell for ten cents each. Quartermaster supply is expected to stock the patch about the end of June.

## CITY WILL REMAIN MISSILE CENTER, SAYS MEDARIS

This city will continue to be the center of Army developmental programs in the "Missile Age," Maj. Gen. J. B. Medaris, Army Ballistic Missile Agency commander, assured the Huntsville-Madison County Chamber of Commerce last week.

Speaking at the annual dinner meeting in the Russel Erskine Hotel, Gen. Medaris declared that "no industry in Alabama or anywhere in the South approaches the size and scope of the missile activity carried on so near to your doorsteps."

He said the Redstone Arsenal reservation is a \$200,000,000 establishment, unique in this country and perhaps in the world. Describing the activities carried on within the reservation, Gen. Medaris mentioned the Ordnance Guided Missile School, Redstone Arsenal itself and his Missile Agency. He also named five con-

tractor activities.

In all, they employ 12,200 persons with a payroll of \$60,100,000 annually. The number of Civil Service employees jumped 40 percent in 1956, he reported.

Recognized as the Army's spokesman in the field of long range ballistic missiles, Gen. Medaris cited the reasons why it is necessary to "achieve early and lasting supremacy" in the rocket science:

1st—the rocket is superior as a delivery system to any previously developed for military purposes.

2nd—the rocket and its launcher are lighter than conventional artillery and more easily transported.

3rd—the rocket travels faster, farther and delivers a larger payload than artillery.

4th—the long range missile eliminates the need to expose per-

## Top Priority Due Jupiter Development

Development of Jupiter, the Army's intermediate range ballistic missile system, will be expedited by assignment of the highest priority.

By direction of the President, the Dept. of Commerce has given

the IRBM and ICBM programs precedence over all other defense and civilian enterprises.

The priority will be helpful to contractors in the purchase of materials and components. It applies to them and to all others engaged in production, research and development of the weapons.

The super-priority has been used sparingly in the past and only in connection with atomic energy development. It is the first time it has been applied to programs of the scope of the intercontinental and intermediate range missiles. The Air Force, Navy, and Army are involved in developmental projects.

Soon after the IRBM programs were initiated in November, 1955, co-equal national priority was granted to the Army, Navy, and Air Force undertakings.

## Gen. Medaris Presides Over Panel Discussion

Maj. Gen. J. B. Medaris, Army Ballistic Missile Agency commander, presided over a panel discussion of "Rocket Propulsion" at the 25th annual meeting of the Institute of the Aeronautical Sciences Jan. 28 in the Sheraton-Astor Hotel, New York City.

The panel speakers included Richard D. Gleckler of Aerojet General Corporation; John F. Tormey of Rocketdyne Division, North American Aviation, Inc.; Milton W. Rosen of the Naval Research Laboratory; and David Novik of Lewis Flight Propulsion Laboratory, NACA.

Lt. Gen. James Gavin, chief of Army research and development, will deliver a report on Army guided missile development today.

### CALLING ALL P. E. O.'S

All members of the P. E. O. Sorority living in this area are invited to contact Mrs. Kieth Reeve at JE-41471, regarding the possibility of organizing a chapter here.

## PFC. PETERSON SOLDIER OF MONTH

(Photo Inside)

Pfc. Dennis C. Peterson of the First Enlisted Training Detachment, 9352nd, was chosen soldier for the month of December.

He came to the Ordnance Guided Missile School from Ft. Monmouth, N. J., where he was a student in radar electronics at the Signal School last March.

A native of Canby, Minn., Pfc. Peterson spent two and one-half years attending St. Olaf College, Minn., before he entered the Armed Forces.

As a result of his being Soldier of the Month, Pfc. Peterson won a three-day pass from the School and another three-day pass and \$25 from the Arsenal.

This poses a problem. He is in class every day and can't take six consecutive days from duty until he finishes the course. The \$25—that's no problem.

## ABMA TO MARK FIRST BIRTHDAY

The Army Ballistic Missile Agency will observe its 1st anniversary from sundown Friday, Feb. 1 until noon Saturday, Feb. 2, Maj. Gen. J. B. Medaris, ABMA commanding general, announced last week.

An ad hoc committee headed by Lt. Col. W. J. Durrenberger is arranging the program. Other members include Lt. Col. R. C. Barthle, Lt. Col. C. F. Nooncaster, Arthur Rudolph, and G. L. Harris.



## NELSON HEADS EXCHANGE SERVICE

Earl R. Nelson has taken over as general manager for the Army-Air Force Exchange Service at the Arsenal replacing Edward S. Smith who transferred to Donaldson Air Force Base at Greenville, S. C.

Nelson, for the past 18 months was the chief clerk of the local exchange service.

He began his career in this work at Orlando Air Force Base in 1951. From there he went to Ft. Bragg and later to Moody Air Force Base before joining the staff at Redstone Arsenal.

Originally from Schenectady N. Y., Nelson now regards Florida as home.

In addition to his experience here, Nelson has also taught accounting.

During World War II, he worked as a radar operator in the South Pacific.

Since he first came to Redstone the operation has grown from one retail outlet to two. The Exchange also operates eight cafeterias and six snack bars with more soon to go into operation.

(See NELSON on Page 2)



CITY CENTER ENVISIONED BY LUEHRSEN—Hannes Luehrsen, shown above studying his sketches for a new city center for Huntsville, is the father of Huntsville's Memorial Parkway. Since his arrival here some seven years ago, Mr. Luehrsen has spent much time studying Huntsville and making creative suggestions to the city planners which have greatly eased the city's growing pains. He is chief of the Master Planning Branch of the Facilities and Master Planning Office, Redstone Arsenal.

GENERAL MANAGER—Earl R. Nelson is now the general manager of the Army-Air Force exchange service at Redstone Arsenal. He first began work with the Exchange Service at Orlando Air Force Base in 1951 after returning from the South Pacific where he served as a radar operator during World War II. (Photo by Rex Evers)

# The Redstone Rocket

The Redstone Rocket is a privately owned newspaper published every Tuesday by Jack W. Hoffhaus, Hartselle, 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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## THE 'NEED TO KNOW' PRINCIPLE

Everyone who has access to classified information must have a security clearance. Such a clearance, in a sense, is a badge of a person's integrity, for it signifies that a person has been found to be trustworthy and reliable.

Everyone who has access to classified information must also have an established "need to know." This is to say that classified information can only be made available to persons whose work requires access and knowledge or possession in the interest of national defense. Neither position nor rank establish a "need to know."

Access to classified information of the Department of Defense requires that two conditions be established beyond any doubt. A person must have both:

1. An appropriate security clearance, and
2. A "need to know."

**FRANK D. NEWBURY**  
Assistant Secretary of Defense  
(Applications Engineering)

## 23 PCT.

(Continued from Page 1)

recruiting has concentrated on increasing the numbers of professional personnel. In the past nine months 404 college graduates entered the missile program carried on here. Five have doctorates, 54 hold master's degrees, and 345 have bachelor's degrees from institutions spread across the country.

As of Dec. 1, the Agency had 557 employes with bachelor's degrees engaged in scientific and professional activity. Ninety-seven others are employed in technical work. Twenty-two employes have doctorates, 110 have master's degrees in the sciences or mathematics. Of the remaining civilian employes, 625 have some college preparation.

"Our recruiting efforts have met unusual success," Gen. Medaris commented. "The newly arrived engineers and technicians immediately become part of the ABMA team of veteran rocketeers headed by Dr. Wernher von Braun which has more than 20 years' experience in this unique field."

This team invented the large ballistic rocket, flew the first controlled supersonic object, and developed the first inertially guided surface-to-surface ballistic rocket.

Through recruiting offices in New York City, St. Louis, Mo., Dallas, Tex., and Oakland, Calif., the Agency is continuing its hiring program.

The Agency brought the Redstone medium range ballistic missile, which will soon be deployed with U. S. Army forces, to the op-

erational stage, and is now working on the intermediate range Jupiter ballistic missile which will have a range of approximately 1,500 nautical miles.

Facilities of the Agency permit scientists and technicians to complete an entire missile project from design through prototype production. Launchings of test missiles are conducted at the Missile Test Center manned by Agency personnel at Patrick Air Force Base, Fla.

"One of the most attractive features of our program to professional personnel is that they can stay in the scientific field of their greatest interest," Gen. Medaris pointed out.

The civilian technical strength is augmented by military personnel with engineering backgrounds. Forty-four of the Agency's officers and 148 of its enlisted men have scientific and professional degrees.

## CITY

(Continued From Page 1)

plan and prepare now for the growth that is upon you." He urged the Chamber to seek diversification in industry and emphasized the need of a "favorable environment" to attract investors.

Gen. Medaris listed eight factors which, he said, are important to industrial expansion: land, sanitation, education, communications, taxes, power, water and manpower.

He said Huntsville is in enviable position in many respects, citing TVA power, the Tennessee River, new highways, rail and air connections.

"There are areas which demand



**WEST GERMAN OFFICIALS VISIT REDSTONE**—A delegation of six officials representing the Federal Republic of Germany is shown above being welcomed at Huntsville Airport last week, when they arrived for an orientation tour of Redstone Arsenal. The West German group, invited to this country by the U. S. Department of the Army, was the first ever to visit Redstone. They left here for White Sands Proving Ground, New Mexico. Left to right above are: Lt. Col. Roland Tiede, Pentagon officer who was escorting the German visitors; Mr. Otto Baier; Dr. Walter Hofmeier; Col. (Retd.) Kurt Braennig; Col. Joachim Luetzow; Col. (Retd.) Maximilian Bohlan; Lt. Gen. (Retd.) Wolfgang Vorwald; Dr. Martin Schilling, of Redstone Arsenal; Maj. Jack Carstarphen, also of Redstone; and Huntsville Mayor R. B. Searcy. In addition to the German group, delegations from France and Canada have also toured Redstone recently.

## Col. Lahlum to Talk To Military Engineers About Greenland

A veteran of military construction operations in the arctic will describe "ice subways" and other engineering construction operations in the far north to members and guests of the Huntsville Post, Society of American Military En-

## NELSON

(Continued From Page 1)

He also has two mobile units dispensing snacks here in isolated Arsenal operations.

Nelson is married to the former Miss Mary Harrison of St. Petersburg, Fla. The couple have four children: Earl, Jr., 4 months; Kathryn, 18 months; Marilyn, 7, and Sherilyn, 9.

the coordinated efforts of the entire community," he added. "Schools have become a paramount concern. The solution of traffic and parking problems, the problem of finding a stable and adequate financial base to support expansion of governmental services press for action."

He cited the need for teachers, equipment, additional class rooms and "flexibility in planning curricula which will prepare students for the kind of city and the kind of world in which they will live 10 years hence."

Pledging the sympathetic support of the Army installations, Gen. Medaris urged the Chamber to make use of the experience and capabilities of the Missile Agency's personnel.

gineers at their meeting at Redstone Officers Open Mess at 6:30 p.m. Thursday, Jan. 31.

Col. Arthur H. Lahlum, an Army Engineer and arctic expert who formerly commanded the First Engineer Task Force in Greenland, and headed the Snow, Ice and Permafrost Research Establishment of the Corps of Engineers, will explain "What You Should Know About the Greenland Ice Cap." The Corps of Engineers officer has been featured in articles on the arctic appearing in national magazines, and is considered an authority on Army and Air Force construction in locations where extreme frigid temperatures cause sub-surface soil to remain perpetually frozen.

Col. Lahlum's present assignment is Assistant District Engineer and Missile Projects Officer, Corps of Engineers, Mobile District, with assignment at Redstone Arsenal. He is president of the local society.

Lt. Col. Louis L. DeNoya, Chief of the Engineer Support Operations Branch at the Army Ballistic Missile Agency, and program chairman of the Military Society, said that Col. Lahlum had been requested to present his address

due to the "importance of the top-of-the-world territory in our global strategy."

"As military engineers and those interested in our national defense, we may be called on to give an estimate of the situation in those frozen wastelands, and we should all learn as much as we can about the problems of arctic operations," Col. DeNoya continued.

Col. Lahlum will include in his talk a description of the ice-subways in which there is so much interest, indicate what the ice is like, and how it is to live for extended periods in zero to minus 65 degree temperatures. His talk will be illustrated with colored slides.

Present members and those wishing to attend the dinner meeting are requested to contact the Society secretary, Julian W. Chamberlain, Arsenal extension 4606.

A Russian named Rudolph looked out the door one morning and said, "It's raining." "No, it's sleeting," says the wife. "I say it's raining, doggone it," he answered, "and Rudolph, the Red, knows rain, dear."

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- 1955 FORD, F-600, with the big V-8 Motor, 2-Speed axle, 6 yard dump bed. 8.25x20 10-ply rear tires, 7.50x20 8-ply front tires. **\$1995.00**
- 1954 CHEVROLET, 6400 Series, 1½-2 ton long wheel base, 7.50x20 8-ply front tires. This truck has a Factory flat bed. **\$1395.00**
- 1953 FORD, ½-ton, pickup with metal bed. **\$795.00**
- 1952 CHEVROLET, Deluxe Cab, ½-ton with metal bed. **\$695.00**

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**TOASTMASTER CHARTER PRESENTED** — Mr. Harry Jaffe (left), district governor for the Toastmasters International, presents a charter for the newly-formed Mason Dixon Toastmasters Club to the president, Mr. Peter Weisse. The presentation was Monday, Jan. 21, at a dinner meeting.

**Charter Party Held By Toastmasters**

The Mason-Dixon Toastmasters Club held their charter party on Jan. 21 at the Holiday House.

Honored guests at the party included: Harry Jaffe, Alabama District Governor, from Birmingham; Capt. Bailey T. Strain, North Alabama Area governor; Major William Lingenfelter, president of Redstone Toastmasters; and William McAlilly, president of Huntsville Toastmasters.

Topic master Bob Cloyd set the pattern for the evening by assigning short topics for impromptu speeches which proved to be both humorous and stimulating.

Toastmaster for the evening, Jim Bowes, introduced the three speakers of the evening: Clifford Kiley of the Huntsville Club who spoke about "Faith"; Mai. Marvin Parker of the Redstone Club, who chose for his subject, "How

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**Cost Accountants Hear Plant Official**

Howard C. Green, vice-president of finance of Chemstrand Corp., Decatur, discussed "Let's Have the Story—Quick" at the technical session of the North Alabama Chapter of the National Association of Cost Accountants held Jan. 21, at Cambron's in Huntsville. Mr. Greer described the accounting system, in use by Chemstrand, which enables Mr. Greer to give the manager a preliminary profit and loss report on Monday after the month's transactions are closed on Friday.

Mr. Greer is vice-president and director of the Monon Railroad and a director of several Corporations in addition to being vice-president of finance of the Chemstrand Corporation.

Mr. Greer is a member of the National Association of Cost Accountants and served as a National Director from 1945 to 1948. He is also a past president of the

Green Is My Valley"; and Charles Cockrell of the Mason-Dixon Club, whose speech was "A Report on Man's Best Friend." Maj. Parker was designated the best speaker of the evening by popular vote.

Capt. Strain introduced the district governor, Harry Jaffe, who climaxed the evening's program by presenting the charter to the Mason-Dixon Club president, Peter Weisse, following an address welcoming the new club into the international organization.

**SOCIETY**

**Square Dancers' Meeting Place Set**

A new meeting place for the Huntsville Square Dance Club was announced last week, instead of the Arsenal building which had originally been scheduled.

The meetings from now on, club officials pointed out, will be liberal "barn dances"—since the new site used to be a barn. However, now it's been remodeled and decorated and is well-heated. Here's how to get there: Proceed north on Memorial Parkway to second spotlight past railroad overpass (1½ miles), turn left and proceed almost two miles to private gravel road, turn right and proceed to long low building.

The square dancers meet at 8 p. m. every Tuesday, and all interested persons are invited to attend. For further details, contact Frederick Eslick, ext. 4017 or JE-28512.

American Accounting Association and a member of the American Institute of Accountants and is a certified public accountant. He has contributed several articles to the N.A.C.A. Bulletin and other accounting publications.

Mr. Greer was a substitute speaker for Arthur H. Smith, Management analyst, General Mills, Inc., who was to speak on "Accountants Place in Management." Mr. Smith was snow bound in Cleveland.

Roy S. Doster and Hugh P. Henderson, both of Reynolds Metals Co., Sheffield, won the attendance prizes donated by the Huntsville Manufacturing Co. and Askw Office Machines.

Seventy-four members and 12 guests attended the meeting.

S. A. Veatch, president, of Redstone, presided at the meeting and Frank J. McLaughlin, Jr., of

**Daughter Is Born to Col., Mrs. O'Keefe**

Col. and Mrs. Keith T. O'Keefe announce the birth of their daughter, Patricia Margaret, at the Fifth Avenue Hospital, on 17 Jan. She tipped the scales at 8 lbs., 7½ ozs.

**Openings Told By Civil Service**

The U. S. Civil Service Examiners here have announced openings for electric bridge crane operators and crane operators on announcement No. 5-35-1(57).

This examination is unassembled. The first group is for WB-12 which pays \$1.97 per hour. Crane operators need to qualify for WB-16, WB-17 and WB-18 which commands \$2.25, \$2.32 and \$2.38 per hour, respectively.

A second announcement calls for photographic a/d at GS-2, \$2960 per year. This is a written examination which will last approximately one and three-quarters hours. The requirements are: manual dexterity; knowledge of the meaning of words and interpretation of reading material; and recognition of the similarities and differences between pictured objects. The number of this announcement is 5-35-2(57).

Everyone wishing to file for positions as GS-2 tabulating equipment operators (announcement no. 5-35-28(56), electronic technician (trainee) (announcement 5-35-30(56), or storekeeping clerk (announcement 5-35-31(56) must file by the close of business today.

**Read the Wantads for Bargains**

Decatur, program director, was in charge of the program.

**'Salt Mine' Joke Gets Cold Laugh From One Soldier**

FORT LEWIS, Wash. — The tired fable about having spent the day in the salt mines fails to get a laugh out of one Second Infantry Division soldier.

Tortuous days of working in an underground salt mine somewhere in Siberia are a grim childhood memory to Private Charley Mueller of (RFD 1) Susquchanna, Pa., who was only nine years old when the Russians took him in Dresden, Germany.

Mueller, now 19 and a member of Company C, 23rd Infantry Regiment here, was born in Hamburg. His parents fled to Dresden when Hamburg was bombed out in 1944. Then Dresden was destroyed too. Mueller, separated from his parents in the chaos, wandered the streets until picked up by Russian soldiers a year later.

The boy found himself shipped to a camp east of the Ural Mountains. After a year of forced labor in the salt mines, 200 of the prisoners, Mueller among them, escaped. He was one of a handful who survived a journey across Russia, Poland and East Germany. Almost every night some of the refugees were captured, shot or died from exposure and disease.

The rest of the story is a happy one. In West Germany the Red Cross reunited Mueller with his parents, who had believed him dead. The family was admitted to the United States in 1948. They are now farming near Susquchanna.

Mueller is attending citizenship classes at the Post Education Center and hopes to realize his dream of gaining U. S. citizenship before going to Alaska this summer as a part of "Operation Gyroscope."

A member of the office force sauntered in at eight-thirty one morning. "You should have been here at eight o'clock," the boss said sternly. "Why?" said the employee, "What happened?"

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herman's  
**SWAN ROOM**  
 OVER THE RITZ CAFE ON WASHINGTON ST.





THE SHAPE OF THE FUTURE is portrayed in this drawing of a nuclear-powered guided missile submarine. The Navy's requested 1957 construction program includes a sub of this type. The artist's drawing shows the submarine on the surface as it launches a giant guided missile. Mission of this submersible will be delivering guided missile attacks against enemy installations.

### PRESIDENT SAYS NEW WEAPONS HAVE POWERFUL IMPACT ON TACTICS

Washington (AFPS) — President Eisenhower, in urging approval of the administration's program, which includes expenditures of \$38 billion to run the military establishment during FY 1958, told Congress:

"The introduction of new equipment and weapons with vastly greater combat capabilities is . . . having a powerful impact on concepts of military strategy, tactics and organization.

"The combat power of our divisions, wings and warships has increased to such an extent that it is no longer valid to measure military power in the terms of such units . . ."

The \$38 billion for the Defense Department, the biggest item in the federal government's estimated \$71.8 billion expenditures in the '58 budget, would provide \$8.9 billion for the Army, \$10.9 billion for the Navy and \$17.7 billion for the Air Force and \$7 billion for inter-service activity, and represents an increase of some \$2 billion over FY 1957.

Of direct obligations, totaling \$40.6 billion, approximately \$10.5 billion would go to military personnel costs; \$9.8 billion for operations and maintenance; \$14.1 billion for procurement and production of planes, ships, armament, missiles and electronics and other material; \$2.1 billion for military public works; \$1.6 billion for research and development, and the balance for establishment-wide activities in the total defense program.

With \$12 billion in new money

sought in the \$14.1 billion to be obligated for procurement, slightly over half, or \$7.3 billion, would be spent for aircraft, including some 1,200 fighter or interceptor type planes for the Navy, 470 observation aircraft and helicopters for the Army, and close to 1,500 heavy bombers and high-capacity fighter-interceptors, for the Air Force with sufficient B-52s to complete equipping 11 wings of 45 intercontinental bombers each, plus command support and advanced attrition.

In ship-building, over \$14 billion would be obligated. The 10 new ships and conversion of 19 other vessels planned includes the first atomic carrier, 13 destroyers or frigates, and 4 nuclear subs.

One conversion would be the angle-deck modification of the carrier Oriskany. Funds for components of the reactor of the A-powered flat-top were provided in the previous budget.

The amount allocated for missiles procurement is \$2.8 billion as against \$3.7 billion this year. This drop is due to the fact that "substantial sums" already have been obligated to launch development of the intercontinental and intermediate range ballistic missiles.

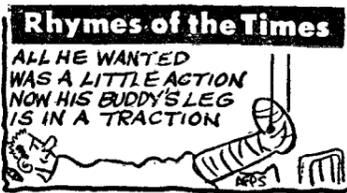
### Young Fraulein Alive — Thanks to GI Donor

NEUBREUCKE, Germany — A 13-year-old German girl here is alive and well today, thanks to a United States Army private who had no idea his blood would mean so much to anyone.

Private First Class James V. Kramer of (1525 S. 25th St.), Manitowoc, Wis., has a very rare type blood—B-negative. He made what was to him a routine blood donation to the Army hospital at nearby Baumholder.

One week later the German girl underwent an operation here. When her condition became serious through peritonitis, German doctors sent out a wide press and radio appeal for B-negative type blood.

U. S. Army hospital officials learned of the appeal, and re-



A minister's son was applying for a job as a policeman. He had passed the written test and was starting his oral quiz. He was asked, "How would you disperse a mob?" He promptly replied, "I'd take off my hat and start taking up a collection."

### Korean-Born GI Joins Folks for Birthday

MUNSAN-NI, Korea — It was a notable 20th birthday celebration for Private Rocky Frack of the 24th Infantry Division. He was reunited with his parents in Seoul after a three-year separation.

"I had no luck locating them on my first day in Seoul," said the Korean-born soldier, now an American citizen. "The next day I found them attending a church service."

Although he only left Korea in 1953 under the sponsorship of an Ohio State education director, Frack is already a graduate of an American high school and was studying history and philosophy at Findlay College, with an eye to teaching, when drafted into the Army. His foster parents are Mr. and Mrs. George Frack of (210 W. Lima Street) Findlay, Ohio.

"It was difficult at first," he said. "I had a hard time learning the language, but people went out of their way to help."

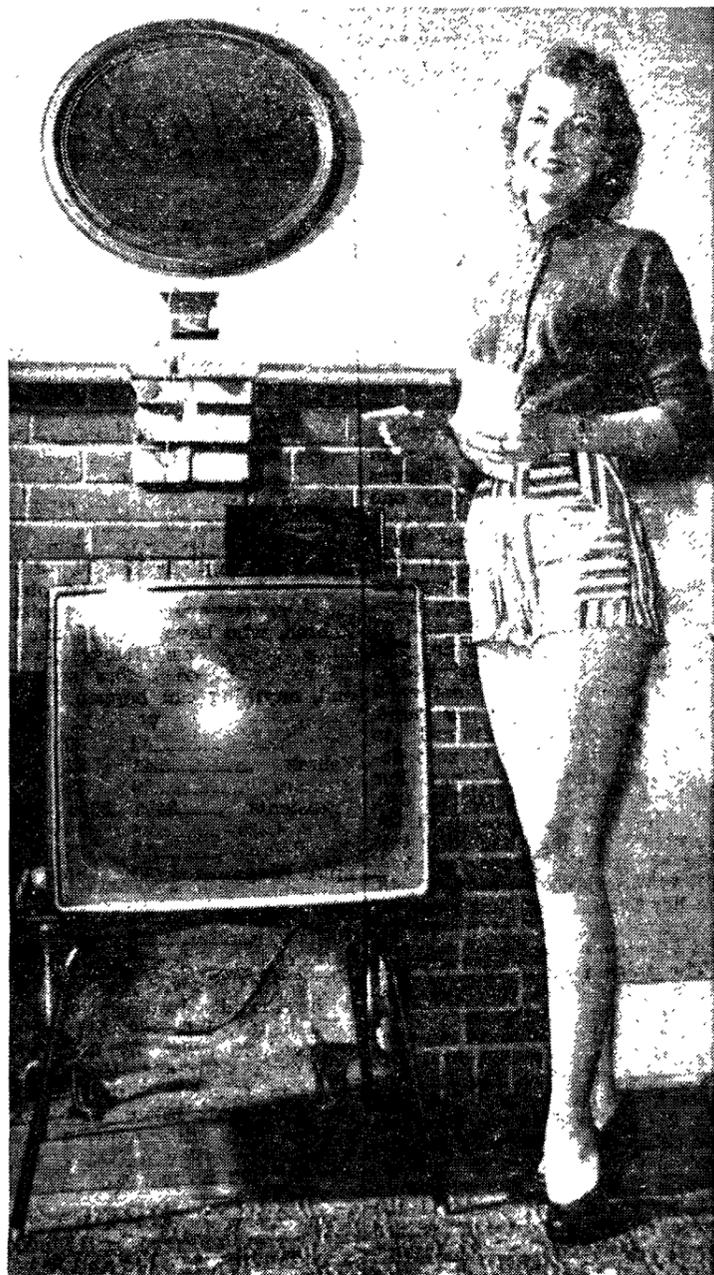
Despite linguistic difficulties Rocky had little trouble orienting himself to American ways. An avid sports enthusiast, he finished third in the mile race at the Ohio state high school relays.

"Someday," says Rocky wistfully, "I hope my family and I will be reunited in that wonderful land of America. That's why I'm saving as much money as I can."

Meanwhile he says he's glad to be helping his people "keep out of Communist hands."

sponded quickly with Kramer's blood. German doctors stated that without that help they doubted they could have saved the girl's life.

Kramer, assigned to the 868th Field Artillery Battalion near here, is very happy about the turn of events.



TV GUIDE—Program note for bachelors: When you have a date to watch television with a beautiful girl (see example above) these cold and cozy nights, our suggestion is that you just tear up your TV Guide and turn off your set (also the lights). Modeling to illustrate this basic principle is our Rocket Pin-up for this week, Miss Barbara Atkins. A former radio disc jockey, Miss Atkins now works in Redstone's Judge Advocate Office.

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# SPORTS

## ENLISTED BOWLING NEWS

BY CULP

17 Jan.- This night saw the deeper entrenchment of the Launchers in 1st place and the Zebras in 2nd place in the league standings. It was the Zebras who rolled high for the night, hitting for an 811, 840, 820, 2471 series in dropping the Alley Cats 4 games to zero, and this with only one 500 series. For the Cats it was a very hard night, since they were steady with a 728, 741, 729, 2198, plus a 40 pin handicap per game. Even with handicap, however they lost by 43, 59, and 51 pins respectively per game. The 2471 raised the Zebras' league leading team average another 2 pins to a 796 average per game.

The Launchers continued to roll by taking a four to zero decision over the Split Kings. For the Launchers it was an 828, 840, 799, 2467 series, second high for the night, and they had little trouble against the Kings 690, 744, 677, 2108 series, plus a 46, 33, 46, 125 handicap. The Kings were off their average and lost by 92, 66, and 76 pins respectively.

The third four to nothing win was for the cellar dwelling Jesters, who dumped the Bugouts by rolling another higher-than-average series with a 788, 838, 758, 2384, against which the Bugouts were ineffective with a 718, 680, 715, 2113, plus a 34 pin handicap per game. The four wins for the Jesters didn't, however, manage to pull them from the bottom of the ladder. It just bunched the lower standing teams. It was a moral victory, too, for the Jesters, since they have been having a hard run of luck with fairly good rolling lately. Seems they were just being beaten out by a few pins in most of the games.

Third high series for the night was rolled by the third place Strikers who banged out a 760, 822, 830, 2412 series in their three to one win over the Transients. Winning only the first game, the Transients did manage a fair series, with a 780, 806, 711, 2297, plus 6 pins per game handicap, and they lost the second by 10 and the third by 113. Even with their three wins, however, the Strikers still dropped another game off pace from both 1st and 2nd places in the standings.

The Signaleers managed to roll through to a three to one win over the Commodores by hitting for an 827, 760, 704, 2291 series, against which the Commodores could manage only a 749, 781, 675, 2205, plus 18 pins handicap for a second game win by 39 pins. For the Signaleers it was a 60 pin win in the first and an 11 pin win in the third.

19 Jan.- The Launchers gained another two games on the entire league by winning four games in their makeup roll against the Sig-

naleers. In the win, the Launchers rolled a new second high team series for the league by hitting for an 819, 860, 854, 2533 series, two pins higher than the Strikers best effort, formerly second best spotted 49, 38, and 37 pins handicap, the Signaleers couldn't come close. They rolled games of 631, 738, and 728 for a 2147 series and lost the games by 89, 84, and 89 pins each. The 2533 series pulled the Launchers within 3 pins of the Zebras for the best league team average with a 793 average per game for the season. The Launchers have now won 31 points out of their last 36, which shows why they are in 1st place in 7 games over the 2nd place Zebras, who have won 15 out of 20 in their efforts. However, with 19 weeks to go before season's end, anything can happen.

Team	W	L	GB
Launchers	48	20	—
Zebras	41	27	7
Strikers	39	29	9
Transients	34½	33½	13½
Alley Cats	34	34	14
Signaleers	33	35	15
Split Kings	39	38	18
Bugouts	28½	39½	19½
Commodores	27	41	21
Jesters	25	43	23

In the individual department the Zebras showed their stripes with Sarandis leading the team with a 161, 186, 164, 511 series, followed, in order, by Ross with 498, Culp with 494, Hugel with 493 and Michels with 475. For the Alley Cats Riley was high with a 468, with Johnson and Trowbridge following close with 452 and 447 respectively.

Varney led the Launchers on Thursday with a 176, 169, 182, 527 series, followed by Hickey with 170, 185, 157, 512 and Ridgeway with 173, 188, 140, 501. Mahalik was fourth with a 471 and Marinkovich and Mogar split a 456. For the Split Kings Kerska was high with a 473, with the rest of the team ineffective.

Morgan led the Jesters with a 175, 182, 165, 522, followed closely by Greener with a 168, 189, 158, 515 and Reese with a 168, 179, 157, 504. Linkins was next with a 480 and the fifth man was a blind. For the Bugouts it was Bishop leading with a 481, followed by Mike with a 474. Davis was next, but not very effective with a 445. No need to mention the others. The Bugouts need HELP.

Pons led the Strikers by rolling out a 175, 196, 174, 545, to be followed by Miller with 143, 175, 214, 532. Next was McIntyre with 492 and Gundy with 490. Villanueva should hang his head. Penn led the Transients with a 496, with Thiros at 495, and Smith at 486. Williams and Kansas can tell you what their series were, if they want.

Zydlewsky (pronounced Zi-lef-hky) led the Signaleers with a 168, 169, 171, 508, with Jasper at 180 and Reynolds at 472. Hanson and Penrod are being given the silent treatment for their efforts. For the Commodores it was Olson leading, with a 153, 222, 141, 516, with Craig at 498 and McEvoy at 448 next. Tobias has gone on leave and Deck managed as usual.

On Saturday, Ed Hickey joined the 'double 600' club by roll-

## SPORTS SCHEDULE

**TUESDAY, JAN. 29:**  
VOLLEYBALL  
1800 Hq 9352 vs 217th FA (Off)  
1900 Hq 9330 vs 217th FA (EM)  
200 Det A 9377th vs 1st ETD  
Post Gym

**WEDNESDAY, JAN. 30:**  
VOLLEYBALL  
1800 217th FA (Off) vs 2nd ETD  
1900 217 FA (EM) vs 32nd Ord  
2000 9352 (Off) vs Hq 9330  
Post Gym

**THURSDAY, JAN. 31:**  
VOLLEYBALL  
1800 217th FA (Off) vs 217th FA (EM)  
1900 2nd ETD vs. Hq 9330  
2000 32nd Ord vs Hq 9352 (EM)  
Post Gym

**FRIDAY, FEB. 1:**  
BASKETBALL  
Redstone vs. Thiokol  
Post Gym 1930 hrs.

**MONDAY, FEB. 4:**  
VOLLEYBALL  
1800 A Det 9377 vs 217th FA (Off)  
1900 A Det 9330 vs 217th FA (EM)  
2000 1st ETD vs 32nd Ord  
Post Gym

**POST GYM OPERATING HRS.:**  
Monday thru Friday 1400-2100  
Saturday 0800-1600  
Sunday 1300-1400



**BRITISH SCIENTIST VISITS ABMA**—One of Great Britain's most noted scientists, Mr. John Lyons (left), confers with Dr. G. G. Quarles, scientific and technical consultant for the Army Ballistic Missile Agency, during Mr. Lyons' recent visit to the Agency. The British scientist is a senior civilian advisor on guided missiles for the Royal Aircraft Establishment of Farnborough, England.

## RELIGIOUS SERVICES

The following religious services are held each Sunday at the Post Chapel, Building T-151, in the old Troop Area. You are invited to attend the services of your faith regularly.

### PROTESTANT

10:00 a.m. — Morning Worship  
10:00 a.m. — Sunday Church School for children ages 3 to Senior High.

Holy Communion is served the first Sunday of each month.

### CATHOLIC

7:30 a.m. — Confessions.  
8:00 a.m. — Sunday Mass and Benediction.

### JEWISH

Services are held at Temple B'Nai Shalom, Lincoln and Clinton Streets, Huntsville, at 8:00 p.m. on Friday.

Attend the services of your faith regularly. If you haven't already started, begin this Sunday. A free nursery is conducted during both Protestant and Catholic services for babies and small children.

### CHAPEL BUS SCHEDULE

**Catholic Mass:**  
Leave Troop Area — 7:25 a.m.  
Arrive Chapel, Bldg. T-151 — 8:00 a.m.  
Leave Chapel — 8:50 a.m.  
Arrive Troop Area — 9:00 a.m.

### Protestant Service:

Leave Troop Area, Bldg. 681 — 9:30 a.m.  
Arrive Wherry Housing Area— 9:40 a.m.  
Leave Wherry Housing Area— 9:45 a.m.  
Arrive Chapel, Bldg. T-151 — 9:55 a.m.  
Leave Chapel — 11:05 a.m.  
Arrive Wherry Housing Area— 11:15 a.m.  
Arrive Troop Area— 11:25 a.m.

The husband was curious. "Why do you weep and snuffle at a movie over the imaginary woes of people you never met?" The wife replied, "The same reason why you scream and yell when a man you don't know slides into second base."



AFPS-UP

**ROPE TRICK**—The Old West might have been picturesque but we doubt if it ever had anything like Jackie Loughery, shown here lassoing two miniature poodles. Miss Loughery prettied up the set at Paramount where Dean Martin and Jerry Lewis filmed "Pardners."

ing out a 204, 202, 202, 608 series. This was Hickey's best effort so far this season. Next high for the Launchers was Varney, with a 174, 201, 191, 566, followed by Mahalik with 495. Marinkovich, Ridgeway and Mogar split the remaining six games two apiece. For the Signaleers, Newton led with a 472, with Hanson back on speaking terms with the team at 462 and Jasper at 460.

Name	Games	Avg
Miller	28	179
Varney	36	176
Hickey	48	173
Ross	39	170
Smith	44	167
Gundy	33	166
Culp	51	164.9
Greener	27	164.448
Trowbridge	38	164.442
Mosher	25	164.3

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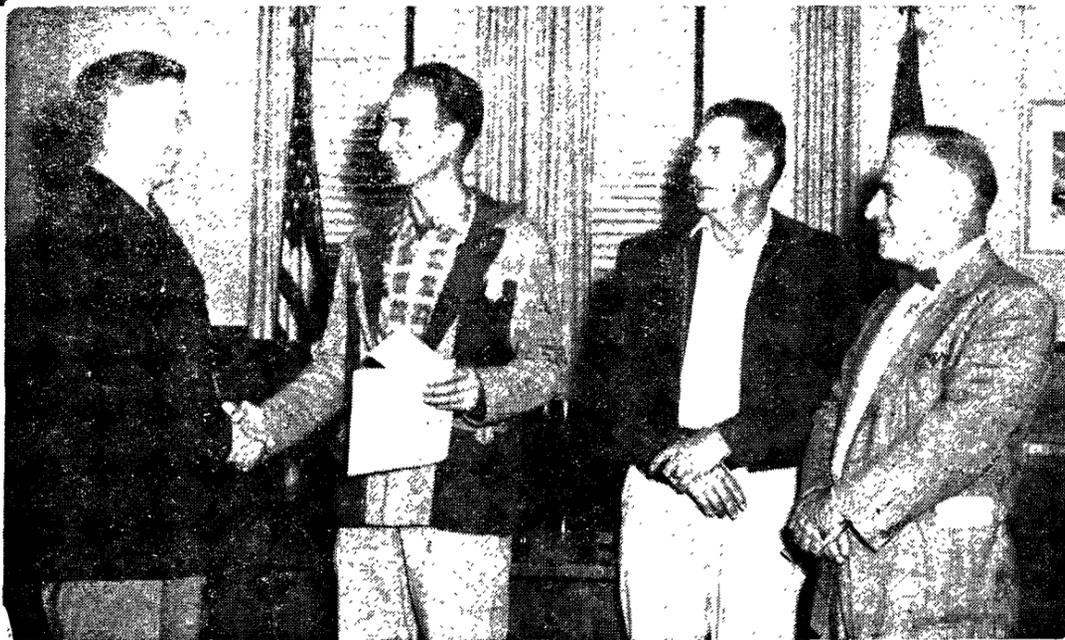
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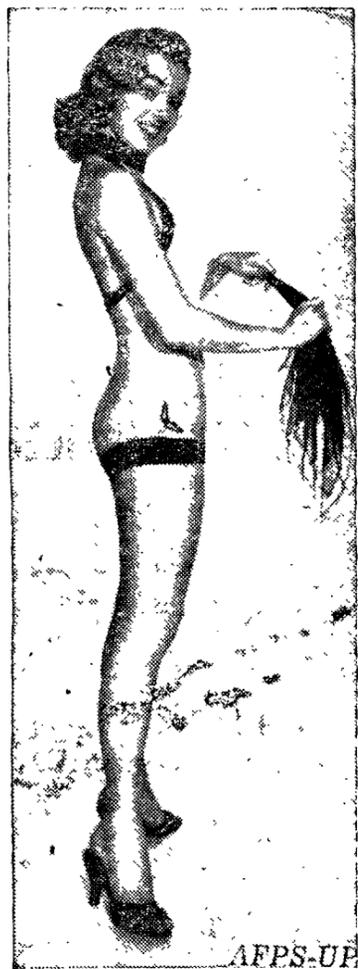
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RECEIVES AWARD—(Left to right): Maj. Gen. H. N. Toftoy, Redstone Arsenal commander, congratulates Nolen V. Marbre on receipt of an Incentive Award which put \$115 in Marbre's pocket. He developed a new method for laying linoleum. Also on hand to congratulate him are Estel R. Mathis, his supervisor, and the Post Engineer, Otto P. Kohler. Marbre is a veteran of World War II, an ex-Marine who came to work at Redstone in August, 1950. (Photo by Carl Pickens)

**PRESIDENT REQUESTS 2.8 MILLION MANPOWER LEVEL IN BUDGET MESSAGE**



HEARD BUT NOT SEEN! — And besides, Jean Moorhead has a lovely speaking voice. There has got to be a reason why CBS has her hidden away on radio when the visual medium, TV, could be spiced with her talents. Her colleagues on "Radio Workshop" have named her "The Most Curvaceous Girl in Radio."

Washington (AFPS) — Planned manpower levels will hover close to the present strength of the Armed Forces providing President Eisenhower's defense budget for FY 1958 is approved by Congress.

Mr. Eisenhower, in his annual budget message, has asked for appropriation of \$10,528,000,000 for pay and allowances to maintain a force of 2.8 million military personnel; one million for the Army; 675,000 for the Navy; 200,000 for the Marine Corps; and a 925,000 Air Force, practically the same as present strength figures of the services.

Actually the Army on Dec. 31 was eight to nine thousand below one million. The Navy is just about 675,000—within 1,000 or so. The Marine Corps is within hundreds of the proposed figure, and the Air Force is some 10,000 below the FY 1958 request.

The Army, in FY 1958, would include 17 divisions, 9 RCTs, 127 anti-aircraft battalions and 6 atomic support commands, a new force in the Army structure.

During FY 1957 the Army had 19 divisions, with the deactivation of the 23rd and 71st Inf. Divisions, activation of the 101st

Abn. Div. and the designation of the Fourth Armored Div. as a tactical unit.

The 1957 budget, which is now revised, earmarked funds for 1,045,000 troops.

The Army also would have a 400,000-man National Guard and a 297,000 reserve in FY 1958.

The Navy is expected to operate 422 warships and 561 support vessels with a 675,000 force. This would be a 16 ship increase over the end of last year, principally in submarine and destroyer class craft, while maintaining 17 air groups, the same as at present and 20 carrier anti-submarine squadrons, an increase of one.

The Marine Corps with 200,000 personnel would continue to have three divisions and three air wings in addition to a reserve of 50,000. The Naval Reserve would total approximately 150,000.

Numerically, at the present time, the Air Force has 134 wings (including one wing recently activated but not manned or equipped), with 122 combat and 12 troop carrier wings. By the end of FY 1958 it would have a 128 wing structure of 45 strategic, 32 air defense and 51 tactical wings depending upon Congressional action.

Reserve components would be made up of 72,900 Air National Guard and some 79,700 Air Re-

**ARMY DEVELOPS PAPER 'HONEYCOMB' TO ABSORB SHOCK DURING AIR DROPS**

WASHINGTON — The bee, inspirer of man and his works on more than one occasion, has done it again.

This time it's paper honeycomb shock absorbers developed by the Army Quartermaster Corps for use in the aerial delivery of supplies.

Repeated testing has shown that the lightweight and inexpensive honeycomb material, when attached to the bottom of a load of airdropped supplies, lessens cost, conserves valued aircraft weight and space, and affords greater accuracy in dropping supplies within the target area.

Resembling nothing so much as the honeycomb, this paper "energy absorber" is usually 12 inches thick and comes in assorted widths and lengths, but can be compressed into a small space when not in use.

The shock of the falling load is absorbed by the crushing action of the honeycomb. To insure that the load falls on its cushioned bottom surface, a small ribbon-type parachute is attached to the upper part of the load.

A cargo of 48 cases of C rations weighs 2200 pounds. To drop this load by conventional means requires a 64-foot parachute and 345 pounds of drop equipment, all costing \$726.

By attaching a 12-inch honeycomb at the bottom of the load and a 24-foot ribbon parachute at the top, the weight is reduced to 143 pounds and the cost to \$164. Because the conventional par-

achute allows the load to descend at the rate of 20 feet per second, the cargo is susceptible of being carried off target by wind drift. The ribbon parachute, with its separated strips of fabric through which the air passes freely, speeds the drop to 90 feet per second and thus better counters drift. The cargo lands undamaged because the shock is absorbed by the honeycomb material.

The Quartermaster Corps is now experimenting with other materials, such as plastics, which may also have possibilities as energy absorbers.

Besides helping to speed up supply delivery to troops in modern warfare, the new equipment could help in providing quick relief for disaster-stricken areas.



serve members. All of the 1,050,000 reservists provided for in President Eisenhower's message are those in drill pay status.

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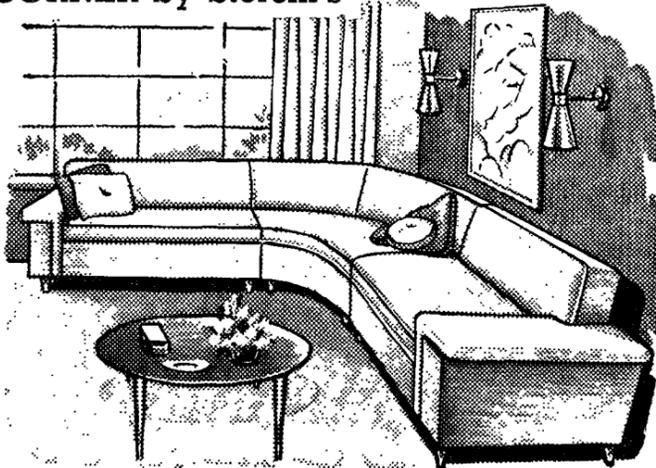
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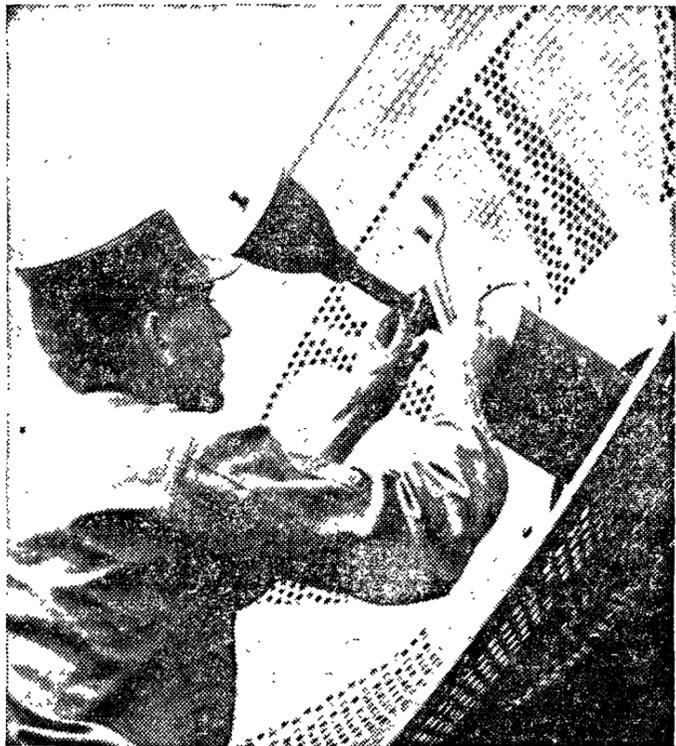
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**PRECISION WORK**—An electronics expert in the guidance platoon of a Corporal missile battalion in Germany adjusts a radar antenna. Practice alerts, day or night, are frequent occurrences for the soldiers who are prepared to fire the Army's supersonic surface-to-surface guided destroyer in this atomic age.



**HELPING HAND**—A massive, 30-ton erector transports the Army's Corporal missile and sets it up in vertical firing position at the launching site. Of the 40 vehicles in the motor pool of a Corporal battalion, only 20 are conventional types. The rest are designed for this very special artilleryman's job.

**CORPORAL MISSILE IS BEAUTIFUL 'SHE' TO ARTILLERYMEN ABROAD**

ZWIEBRUCKEN, Germany — "She dances in the air above the ramp for an instant, then there's a lot of blue smoke and red flame and she's gone. She's beautiful."

"She" is the Corporal missile—an atomic-headed mainstay of the U.S. Army's defenses in Western Europe. The man who speaks so rapidly of the supersonic weapon he is trained to help launch is Specialist Second Class Clarence S. McClintock of (R.R. 4) Greensboro, N. C., a member of the 601st Field Artillery Battalion stationed here.

This unit is one of six Corporal battalions in Germany. All are powerful weapons in the Army's arsenal of surface-to-surface destroyers.

McClintock, unlike some members of his battalion, has seen the mighty Corporal actually fired — at Ft. Bliss, Tex. The weapon has never been fired in Europe, primarily because of space limitations. But the missile artillery men rehearse the launching of the Corporal on a highly realistic mock-fire basis, just the same as a live-fire mission only without the final release of the destructive force. The practice alert may come by day or by night.

That entails a lot of fishy coordinated precision work, analyses of electronically computed radar and radio data, and use of a complicated communications system. It requires a highly trained staff of 100 soldiers to get the missile in the air and guided to its destination.

"The missile isn't guided toward the target. She's guided to the target," says Master Sergeant Almas E. De Foyd of Monahans, Tex., a veteran of the first Corporal missile battalion formed at Fort Bliss, in 1953. He insists on precision of wording on this point.

The fueling crew, cautious by experience, wears head-to-toe protective clothing during its touchy work.

The faster-than-sound Corporal is propelled by a rocket motor. Fuels for the motor consist principally of aniline and red fuming nitric acid. When not in use, the chemicals are stored far apart.

There's a good reason for this separation. The two chemicals are like a blasting cap and TNT. Apart, far apart, they're not particularly dangerous. But put them together — boom!

It's a boom that the missile artillerymen never hope to hear

**WORLD WAR FOES NOW FAST BUDDIES**

ANDERNACH, Germany — A new mission — the defense of Western Europe — has made fast friends out of two old foes of World War II.

Master Sergeant David N. Saunders, 34, fought with an American tank unit during World War II.

Oberstabfeldwebel Hubert J. Jorek, 43, served with German panzer divisions across Europe.

Today, Saunders, who comes from (1519 Loudon, N. W.) Roanoke, Va., is a U. S. Army tank instructor assisting in the training of the Bundeswehr, the new German Army, here.

Jorek is a tanker and one of Saunders' students learning how to handle American Patton 47 tanks.

Working together, they found they had a lot in common. Now, on duty or off, wherever Jorek is found there Saunders is also found.

During World War II, Saunders fought with the Army's 153rd Tank Battalion through Sicily, Italy, Africa, France and Germany.

under actual combat conditions. But they're ready around the clock if the order ever comes to launch the Corporal with all make-believe put aside.

**Vehicle Owners' Responsibility for Insurance Explained**

It is the responsibility of all vehicle owners to maintain liability insurance in the amounts of \$5,000/\$10.00 public liability and \$5,000 property damage, it was pointed out last week by the arsenal Provost Marshal office.

Owners of vehicles are required to notify the Registration Section (telephone extension 2837) of their policy number, name of company, and expiration date.

Failure to comply with the above instructions may result in disciplinary action against the owner.

He first served as a tank driver, later as a tank platoon sergeant.

Jorek was a German cavalryman from 1930 until 1945 and made the transition to tanks in 1935. He served with German panzer divisions through 1945, fighting in Poland, France, Yugoslavia and Russia. After the war, he joined the police force at Springtlingen, near Frankfurt, but he returned to the German Army at his first opportunity — on January 2, 1956.

Jorek likes the new Bundeswehr much better than the old German Army.

"The German soldier isn't so much a parade soldier as before," he said. "I believe there is a new spirit in the German Army. We realize we are going to be treated like human beings, and we respond accordingly."

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**HUNTSVILLE'S 'YOUNG MEN OF YEAR'** — The Huntsville Junior Chamber of Commerce chose its "Young Man of the Year" and "Young Farmer of the Year" during a banquet last Monday night which was addressed by Brig. Gen. John G. Shinkle (right), deputy commanding general of Redstone Arsenal. John Higdon (left), president of the Jaycees, was named Young Man of the Year. John Ed Butler (third from left), who runs a livestock farm in the Poplar Ridge community near Huntsville, was chosen Young Farmer. Warren Sockwell (second from left), chairman of the Jaycee agriculture committee, and Gen. Shinkle made the presentations.

## Service Club Schedule

It seems that so much is happening at the Rocket Service Club lately that one hardly has a quiet minute to think about newspaper articles or anything. The crowds are really on the increase and participation in all programs has shown a marked increase. Of course, we're not

complaining, that's the way we like to see the Service Club operating. In fact, we could use a lot more room. The music room stays full — someone is always looking for a place to go play a musical instrument or a group is forever searching for a place to practice.

The TV room is always active and the play room—OH! am I glad I'm not a ping pong ball or a pool ball. Those things really take a beating. Man, from six o'clock in the evening until we almost force them out bodily, there are people standing in line to challenge someone to a game. There is constantly three or four tables of bridge going on plus other card games and we even have one fellow who made himself a hi fi set and who rigs it up on the stage and plays the most beautiful music for hours. On and on it goes, and around and around we go—never a dull moment.

If you were in the audience last Friday night at the Rocket Service Club when the Variety Show took place, I am sure that

you will agree with me when I say it was tops. I don't know how Jack and Joann (Jack and Joann Dance Studio) can teach those little kiddies to perform so well, but they were the cutest ever. Not only could they dance, but they could sing and well—they just had stage personality plus. When little Joe Culver started his roc 'n roll number, the audience about collapsed — What will he be like in a few years — maybe he, too, will own six or seven Cadillacs.

The Chorales (trio from Huntsville High) were very good. Also, on the program for a second appearance, was Mr. Williams, the man who can make you think you are watching a cat, dog fight when he starts his imitations. Sgt. Bunch, who traces his career back to the first World War blew taps on his bugle. Of course, we must mention Frank Sternisha who was MC and who also played some accordion numbers.

You know, I keep harping on the fact (though you would never know it from display) that we do have a tremendous amount of talent. Well, you know, sometimes it pays off to use it because Barry Davis, who has only been at Redstone about a month came forward one Wednesday night and sang with the dance orchestra — RESULTS — Third Army heard about him, AUDITION followed — Barry will be on TDY for a nice long while SOO—what could be better than TDY. You may be the next lucky one, so next time we have a variety show be sure to enter.

I'm sure that you have been reading a lot lately of the Barber Shop Quartet recently formed on post. Well, they are terrific—The Dixielanders they call themselves. Of course, when they sang Dixie, Marty and I went wild, but seriously, when you have an opportunity to hear them, don't miss—You'll love 'em.

We're indebted to all of these people for a very successful program and maybe they will come back and give us another show sometime.

We're planning another trip to Birmingham the first Saturday in February, which will be Feb. 2. The bus will leave the Service Club at 1330 hours. We will stay for the Birmingham Symphony Pop Concert which will be at 2030 hours and return to Redstone after the concert. Admission will be free to the servicemen. All EM who are interested in going please be sure to sign up at the Club no later than Thursday, Jan. 31.

I would like to make a correction about one of our dance nights. It was printed in the article and the DB that we would have a dance at the Service Club's Wednesday night the 30th of January and also Friday night the 1st of February. We will not have an orchestra on Friday night but we will have our regular orchestra for the 30th. Beginning the 8th of February, our dances with orchestras will be on Friday nights.

The boys who went to Nashville last Saturday to attend the dance at the Y.W.C.A. reported a very good time. We are going again this Saturday. We are trying to work out some plans with the Y.W.C.A. in getting some of their young ladies down for some of our dances. You fellows can help us by personally asking some of these girls that you meet to come and assuring them that they will have a good time. We are striving to have some

interesting Sunday afternoon programs here at the Club and we have on program some fine talent. Sunday 10 Feb., Mrs. Edward Green, who comes from Brazil, and who is an accomplished pianist, will give a concert at 1500 hours. Sunday 17 Feb., Mr. Alvin Dreger, member of the Huntsville Civic Orchestra will bring a group from Huntsville to present a program and Sunday 24 Feb., we will provide transportation to the Huntsville High School for those who wish to attend the Huntsville Civic Orchestra Concert.

As mentioned in the previous article, we have two big, big shows for the month of February. On Feb. 19, we're having the Eddie Allan Show, which will consist of three hours of dance music and one full hour floor show. The 21st and 22nd of February, we'll have Third Army's largest show, entitled, Big Top, for one night's showing at the Post Theater and one night's showing at the Service Club.

We should like to remind you people that Monday nights is still our Bingo night — beginning at 2000 hours. Tuesday night is Missilemen and Maids, Wednesday night in February will be tournament night, Thursday will be special programs night, Friday will be dance night, Saturday will be tour day and Sunday has already been given. You can see from the schedule that each day has something special so pick the programs that you are most interested in and join us.

Be sure to get your copy of the month's program for February and watch the DB and article for special shows.

We'll be looking for you so  
Ya'll come,  
Katie

Too many of us are like wheelbarrows—useful only when pushed, and easily upset.

## MOVIE SCHEDULE

Tues., Jan. 27 — "The Guns of Fort Petticoat", starring Audie Murphy (Family) Time 1900.

Wed., Jan. 30 — "The Night Runner", starring Ray Danton and Colleen Miller (Mature) Time 1900.

Thurs., Jan. 31 — "Toward the Unknown", starring William Holden, Lloyd Nolan, Virginia Leith, (Family) Time 1830 & 2030.

Fri., Feb. 1 — "Thieves Highway", starring Richard Conte, Lee J. Cobb, Jack Oakie, (Mature) Time 1900.

Sat., Feb. 2 — "The Young Stranger", starring James MacArthur, Kim Hunter, James Daly, (Family) Time 1900.

Sun., Feb. 3 — "Between Heaven and Hell," starring Robert Wagner, Terry Moore, Broderick Crawford. (Mature). Time 1830 & 2030.

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- JEFFREY HUNTER

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### Invites Calls For Aid INSPECTOR OF ORDNANCE OFFICE 'STRICTLY SERVICE,' SAYS CHIEF

"The post's Inspector of Ordnance Office is strictly a service organization, here to help any other organization which might have need of its special capabilities," says Aaron A. Brackeen, chief of the office.

To more fully acquaint other offices of the services he can provide, Mr. Brackeen has written an article about them which is reprinted below.

"If, after making an inventory of your requirements, you find that you can further use the services of the Inspector of Ordnance Office, just contact us at Ext. 2208, in Bldg. 713," adds Mr. Brackeen.

Mr. Brackeen's description of the Inspector of Ordnance Office's functions follows:

The Inspector of Ordnance Office is a Special Staff Agency assigned to the Redstone Arsenal Deputy Post Commander. The chief's office is located in Building 713, plants area No. 2. Aaron A. Brackeen is chief and Howard W. Blair is deputy chief. In general, it is responsible for the following: "Plans directs, and coordinates the acceptance of services or materials procured, manufactured, assembled, renovated or modified by this arsenal, as directed by the Deputy Post Commander. Plans, directs, controls and coordinates technical inspection of industrial facilities and equipment as pertains to the Production Equipment Readiness Program.

The functions of the office are divided among three branches, namely, Material Branch, Industrial Facilities, and Equipment Branch, and Rocket and Missile Branch.

**A. Materials Branch**  
The Materials Branch headed by John D. Russell as chief is broken down into three sections, namely: Laboratories Section, Ammunition Section, and Special Inspection Section.

The Laboratory Section consists of:

a. Certified X-ray laboratory containing a 250 K. V. industrial x-ray machine and related laboratory equipment. This equipment may be utilized in the inspection of certain propellants, rocket fuzes, cast explosives, mortar shells, castings, welds and other materials, for rockets, missiles, etc. (This is at present being utilized for x-raying rockets).

b. Salt spray machine which is used in performing corrosion tests for sufficient coatings (paint, plating and other preservative materials or metals) as compared to specification to withstand adverse weather conditions and abnormal storing.

c. Magnaflux Unit used for magnetic partical, inspection of materials capable of being magnetized to detect defects and invisible imperfections. Magnaflux inspection may be done on steel billets, bar stock, forgings, weldments, machine tools, aircraft parts, rocket parts, missile parts, and etc.

d. Demagnetizer used on all material after magnaflux inspection.

The Ammunition Section performs acceptance inspection on all ammunition or components manufactured or renovated at Redstone Arsenal. This includes standard sampling, quality con-

trol inspection, roving inspection, selection and preparation for shipments of ballistic samples to Jefferson Proving Ground. Recapping inspection reports, preparing and distributing data cards, preparing and maintaining ammunition lot histories.

The Special Inspection Section:

a. Makes acceptance inspection on coal delivered to this arsenal (including ABMA and OGMS) to insure compliance with contracts, specifications, etc. This consists of visual inspection, selecting, preparing and shipping samples to Bureau of Mines Laboratory, supervise stock piling of coal and makes periodic surveillance inspection for temperatures, etc.

b. Makes inspection for contamination, or possible contamination on all equipment or supplies turned in for storage. Makes inspection on all material turned in to Property Disposal for contamination or possible contamination. Makes certification to decontamination, works in cooperation with Safety on call basis with other activities for determining satisfactory methods for decontamination.

c. On request, performs acceptance inspection on all types, of incoming material, to insure compliance with applicable contracts, drawings, and specifications.

**B. Industrial Facilities and Equipment Branch**

The Industrial Facilities and Equipment Branch is headed by Charles F. Noblit as chief. It was established about October 1955 primarily to carry out the inspection responsibilities connected with National Readiness Program as set up by Office of the Chief of Ordnance and administered by Production Equipment Office (PEQUO) located at the Ordnance Weapon Command, Rock Island Arsenal, Rock Island, Illinois.

The inspectors have been technically trained and have had experience in all phases of the functions of this branch. The functions of this branch are as follows:

a. Performs visual or surveillance inspection on all category I and II equipment in use (Category I includes Industrial or Production Equipment costing \$500 or more. Category II includes dies, jigs, fixtures, etc. used in conjunction with Category I Equipment. All of this includes equipment accountable to any office of RSA, OGMS, or ABMA) either while under power or not under power to ascertain condition of work surfaces, gears, castings, and other information pertinent to the user, prospective user, and to PEQUO. Also performs inspection on housekeeping and records pertaining to Category I and II Equipment.

b. Performs analytical inspection on all metal working machinery prior to being placed into any type of storage. On request from using agencies, performs analytical inspection on metal working machinery, in use, to determine accuracy and quality of product machine is able to produce.

c. Performs visual and analytical inspection on all equipment just prior to turn-in while under power, from using agency to accountable office. (This inspection and condition is reported to the accountable officer which will en-



**SOLDIER OF THE MONTH**—Pfc. Dennis C. Peterson (third from left) receives a commendation and \$25 for being selected soldier of the month from Brig. Gen. H. N. Toftoy, Arsenal commander. This entails no fatigue duty for a whole month and a three-day pass issued from both the School and another from the Arsenal. At the ceremony were (left to right): Col. Keith T. O'Keefe, deputy post commander; Gen. Toftoy; Pfc. Peterson; Capt. Richard W. Parker, CO of the 1st ETD at the Ordnance Guided Missile School; Col. Henry S. Newhall, School commandant; and Lt. Col. Ernest W. Ewbank, Jr., School executive officer. (Photo by Rex Evers)

### Information Given About License Tags

The Alabama Highway Patrol and the Madison County Probate Office, which registers motor vehicles, has requested The Rocket

ents, sub-assemblies and complete assemblies. The inspection is performed in GOGO, GOCO or contractor plants. At the present time this inspection is being performed at Thiokol Chemical Corporation, but is not limited to this plant. On contracts administered by Redstone Arsenal this branch arranges for inspection in one of two ways:

1. Issues Inspection Requisition on the district in whose area the contractor is located. Makes follow up on these requisitions to assure that all requirements are fully complied with.

2. Place inspectors from this office on TDY in the contractors plant. (This method is used only when it is considered to the best interest of the Government for inspection to be performed from this office instead of district).

to point out the following to motor vehicle owners:

Persons who bring automobiles, bearing out-of-state registration tags into Alabama and who stay in Alabama for 30 days, keeping their vehicles here, are required to purchase Alabama registration plates. An out-of-state registration is invalid after the owner or operator has remained in the state for the 30 day period. This does not apply to vehicles which are driven into Alabama on a daily basis nor to vehicles owned by Military Personnel.

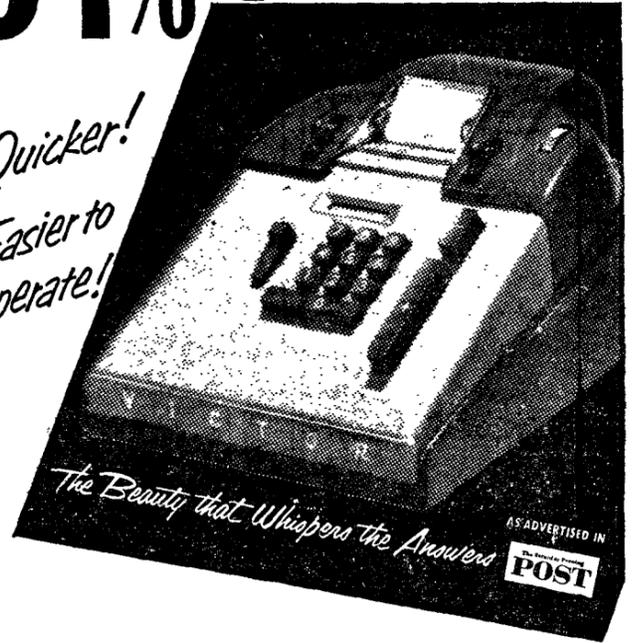
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**CANADIANS VISIT 'INTERNATIONAL' REDSTONE** — Four Canadian officials from the Canadian Defense Headquarters at Ottawa are shown above as they discuss problems of guided missile reliability with Redstone Arsenal officials during a recent visit to the Army missile center. Eight French officers recently came to Redstone to study work being done there, and six West German officials also visited last week. Left to right, above, are G. A. Henderson, chief of Redstone's Reliability Branch, Research and Development Division; Lt. Comdr. Bradley L. Wilkins, Mr. Chester I. Saucy, Lt. Col. William H. Ellis, and Capt. Lewis H. Wylie (the Canadian group); Dr. Robert Lusser, Redstone's reliability coordinator; and H. W. Fritz, deputy chief, Reliability Branch.

## Canadian Officials Visit Redstone

Four Canadian officials from the Canadian Defense Headquarters at Ottawa, were official visitors at Redstone Arsenal recently. The group came here to study Redstone's guided missile reliability program.

The Canadians' visit, on the heels of a recent visit by 8 French officers and preceding a visit of 6 West German officials, points up the fact that Redstone has now become an international—rather than only national—center for rocket and guided missile research and development, Arsenal officials said.

The Canadian visitors were Lt. Col. William H. Ellis, Lt. Comdr. Bradley L. Wilkins, Capt. Lewis H. Wylie, and Mr. Chester I. Saucy.

They conferred with officials of Redstone's Reliability Branch, Research and Development Division, including Dr. Robert Lusser, Arsenal reliability coordinator; George Henderson, Reliability Branch chief; and H. W. Fritz, deputy chief.

The visitors were particularly interested in studying Redstone's educational program in the field of reliability of missile components, with the possibility of using some similar methods, courses, and materials in presentations for the Canadian Army, Navy, and Air Force. They studied both the research and development aspects and the industrial aspects of reliability, according to Redstone spokesmen—that is, both attaining initial reliability and maintaining it throughout production.

Dr. Lusser, Redstone's reliability coordinator, is recognized

## 'MEDICARE' RELIEVES MILITARY FAMILIES OF HOSPITAL BILL WORRY

WASHINGTON—"I would like to know if this law could possibly be retroactive in our case."

Regretfully, laws being laws, the Army has to say "no." The writer is the wife of a sergeant who is on ROTC duty in a college town, far removed from a military hospital. Already owing large medical and hospital bills, she had had her sixth child in a civilian hospital on December 1. Six days later the "Medicare" bill went into effect.

It is to provide for just such worrisome and inequitable cases as this among military families that Congress passed the bill, which allows for governmental payment of hospital expenses incurred by dependents of soldiers, sailors, airmen, marines, coast guardsmen, and of the commissioned corps of the U. S. Public Health Service and the U.S. Coast and Geodetic Survey.

An estimated 800,000 families living at a prohibitive distance from military medical facilities are now free of the specter of crippling hospital bills.

The largest group comprises families of military personnel living in this country while the hus-

band is serving overseas. Dependents under the terms of the "Medicare" bill are limited to wives, dependent husbands, and children under 21 years of age. (This age limit does not apply to children unable to earn their own living because of physical or mental incapacity, and is advanced through age 22 if the dependent child is enrolled full time in an approved institution of higher learning.)

As the executive agency charged with administering "Medicare", the Office of the Surgeon General of the Army in 28 days negotiated 88,400 separate surgical and medical fees with representatives of medical societies of the 48 states, Alaska, Puerto Rico, Hawaii and the District of Columbia.

Working weekends, holidays and far into the evening hours from October 24—November 20, the tremendous job was accomplished at a clip of six states every two days. The American Medical Association cooperated fully by providing on-the-spot legal counsel for the state representatives.

The Army's interest was in establishing standard fees for all ills likely to attack the human race which would not throw the local medical economies out of whack. It is for this reason that dependents consulting a civilian doctor should ascertain in advance that he will abide by the schedule of fees negotiated within his state.

"Medicare" service, however, is an in-patient program. Physician's fees are paid by the government only in case of emergency treatment (such as an accident) or if the illness or injury results in hospitalization. The dependent, anticipating hospitalization, should not go directly to the hospital. He (or more likely, she) goes first to a civilian doctor, who makes all arrangements with the hospital. If the visit to the civilian physician does not result in hospitalization, then the patient is expected to pay the fee.

No difficulty is anticipated in the few states which have not signed contracts. A physician in those states may submit his bill for an Army dependent to the commanding general of the Army area of location. This system has worked for years in the case of soldiers, who, perhaps while on leave, have had to seek treatment from a civilian doctor.

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## RESERVIST SOLDIERS OUTPOINT OLDER TRAINEES AT GRADUATION

FORT CHAFFEE, Ark.—"Plenty of spirit and a real desire to excel."

That's the explanation given by a commander when his battery, made up of 17 to 18½-year-old trainees, was selected as the "honor" unit here in competition with two other basic training batteries composed of older draftees and Regular Army enlistees.

"These kids," commented Captain Roy J. Olson of (519 Castro St.) San Francisco, Calif., are coming on active duty with only six months and they realize they have plenty to learn and in a hurry."

The "kids" of Battery D of the First Battalion, Second Field Artillery Training Regiment, earned their graduation honor after eight weeks of showing standout abilities in adapting to military life, leadership, reaction to commands, use of basic infantry weapons, military courtesy and bearing, mastery of instruction, and participation in off-duty activities.

After a brief leave at home some of these Reserve Forces Act trainees have returned to Chaffee for advanced and unit training as field artillerymen. At the end of the six-months' active duty service, they will complete their military obligation with seven and a half years in a Reserve unit near their home or colleges.

Their first eight weeks was a progressive conditioning to and training in discipline, physical fitness, and the fundamental combat infantry skills.

Preliminary instruction with the bayonet, carbine and M-1 rifle was begun during their second week at Chaffee. By the third and fourth weeks they were firing the M-1, the Army's basic weapon, and qualifying as marksmen, sharpshooters or experts, interspersed with intelligence training, map reading, and individual night training.

They had advanced by the fifth week to a taste of close combat training and the firing of the 3.5 mm rocket launcher, rifle and hand grenades.

During the sixth week they were firing the .30-caliber ma-

chine gun, firing on the close combat course, and crawling, both by day and night, under the barbed wire and "live" machine-gun fire of the infiltration course.

"Bivouac" week followed, when they lived in tents under conditions approximating those in actual combat situations. Here they put into practice classroom and range lessons about combat tactics, squad formations, patrolling, and the various techniques of fire.

Private Paul F. Denny of (721 Fifth Ave.) Huntington, W. Va., is having his advanced training in Ordnance. "I want to be a draftsman in civilian life and this is going to help me do it," he says.

"I'll be able to get my active service out of the way in time to start college this fall," said Private William Cole of (2753 Elmwood St.) Cuyahoga Falls, Ohio. "This RFA program is a good deal and I don't think you can beat it."

Another of the Battery D graduates, Private Samuel E. Lowe of (1907 Manchester Rd.) Akron, O., hadn't been able to get a job because of the threat of the draft. "This six-months' active duty will take care of that," he says, "and learning to take orders and working with people of all kinds is going to help me in civilian life."

You should never pay too much attention to criticism after you have drawn what wisdom you can get from it.

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**THE STAMP CORNER**

BY J. H. MULDER

Recent price lists of United Nations stamps indicate that some issues have made phenomenal price increases. The souvenir sheet, Scotts No. 38, which originally cost fifteen cents, is now being bid at \$7.50 each by dealers, with a listed retail price of \$15.00.

Actually, few transactions of this item are taking place due to its scarcity.

Another item of particular interest is the three cent Human Rights issue of 1954. Dealers are offering \$2.00 each for singles, \$14.00 for an inscription block of six, and \$150.00 to \$200.00 for a mint sheet of 50. No retail prices are quoted and as in the case of No. 38, few transactions are taking place because of the scarcity.

A casual investor who a year ago might have invested \$15.00 for 10 sheets of the 1954 Human Rights three cent issue could now sell those same 10 sheets for \$2,000.00. Present indications are that continued price increases may be expected on almost all UN items.



**NANCY'S INCIDENTALS**— Nancy Gates hasn't made a movie lately at Columbia Pictures, but that doesn't make her less interesting. Nancy is 5'5" and has dark brown eyes. She hails from Dallas, Tex., and is single. She weighs 113 and it's distributed in exactly the right places.

**WANTADS**

**ROOMS FOR RENT**—Single and double for men with good habits, completely and newly decorated, economically priced. Central Y.M.C.A. Dial JE 4-7131. ttc

**FARM FOR SALE:** 100 acres suitable for farming or stock raising. 97 acres in cultivation. 2 wells and everlasting spring. 3 houses and barn; on Highway 33, Morgan County, Ala., 1 1/2 miles from Valhermoso Springs, 18 miles from Huntsville; 10 miles from Redstone. Will consider selling some for building sites. Contact Valhermoso Springs Grocery, Valhermoso Springs, Ala. 2-4c

**WANTED** — Registered Physio-therapist to start work immediately in fully equipped clinic. Part-time basis with possibility of full time in near future. Call JE 6-1586, Rehabilitation Center. 2-5c

**FOR SALE**—1951 Cadillac Fleetwood, black, 45,000 actual mileage, very good condition, all Cadillac extras, power seats and windows, safety tubes, white wall tires, built-in sanders. Phone Redstone extension 2650. 1tc

**LUZIER'S Beauty Preparations** for discriminating women. Phone ODELL WHITT, JE 2-3247. 1tc

**HOME FOR SALE**—4 bedrooms, 2 1/2 baths, large basement, steam heat in the heart of Gunterville, near schools and churches, beautiful view of lake on large lot, paving and sidewalks already in. Call owner, S. K. Yarbrough, Gunterville, Ala., Phone 3356. 2-12p

**VANDALS WRECK SCOUT CAMP SITE**

Vandals have destroyed the camp site built recently by Redstone Arsenal's girl scout troops. The site, located on Squirrel Hill, was built by the girls last summer.

issued two stamps, one on 1 January, the other on 2 January commemorating the event.

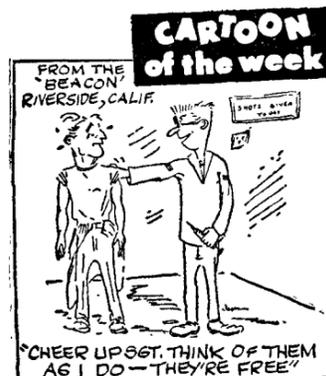
A real interesting cover could devolve from these circumstances, one bearing both Saar-French stamps, and one bearing German stamps - and they would both be valid for the postage fee.

Shelves, lean-tos, the kitchen area and shed, and a tool chest filled with the girl's carpentry equipment and first-aid supplies were destroyed. Adhesive tape was strung from tree to tree and equipment and supplies were strewn all over the area.

The "permanent" camp site can no longer be considered a permanent camp site.

Many hours of hard work by the girls as well as their parents, brothers, sisters, and friends were spent clearing the ground and building such conveniences as were there.

A thorough investigation is being conducted by the Provost Marshal Division.



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