

FIRE DESTROYS PRINTING PLANT



BEST SERVICE CLUB IN THIRD ARMY—In the second annual all-Army "Operation Service Club" contest, Redstone was judged the best in the Third Army area with its continuous programs. The judging was based on the club scrapbook, which featured the Pizza Parties and the Fashion Show. A certificate of achievement and a cash prize are the results. Some of the people who made the prize possible are (left to right): PFC Clifford Yost and SP3 Donald Main, members of the Enlisted Men's Advisory Council; Capt. Frederick Davis, Special Services officer; Miss Molly Patterson (holding certificate), Service Club director; Maj. Gen. H. N. Toftoy, commanding general of Redstone Arsenal; Miss Martha Gates and Miss Muriel Owens, Service Club staff members; and SP2 Harold R. Buttram and PFC. James Garofalo, EM Council members. (Photo by Bill Kellar)

Loss Is \$257,000; New Office Set Up

The Redstone Arsenal Reproduction Branch was destroyed by a fire Monday evening. The value of equipment, building and supplies lost was set at approximately \$257,000.

A temporary Reproduction office was being set up yesterday in Bldg. 796. A number of Reproduction's 65 employees had reported to work there, although the majority were taking leave for the day.

A board to investigate the fire was being named yesterday.

Three Redstone fire companies answered the call, which was reported at 5:43 p.m. They were unable to save the building.

Reproduction Branch had occupied the one-story structure only a few months. The plant was located in Bldg. 786, a former warehouse which was modified recently to accommodate the activity.

John Tyson, chief of the branch, placed the value of the equipment and supplies lost at \$170,000. Post Engineers said the building was worth \$87,000.

Not all of the work in process at the plant was destroyed. A portion of it, as usual, had been let out on contract to commercial printers. The plant served all three major organizations on the post.

The phone number of the new office is the same as the former.



MAJ. JACK CARSTARPHEN

CARSTARPHEN IS NAMED REDSTONE EXEC OFFICER

Maj. Jack Carstarphen has recently assumed the duties of executive officer of Redstone Arsenal, it was announced by Maj. Gen. H. N. Toftoy, Redstone commander.

Maj. Carstarphen had been serving as assistant executive officer prior to the departure of Lt. Col. Oliver M. Hirsch, who was selected by the Army to attend the University of Chicago's two-year Executive Development Program at the graduate level.

Maj. Carstarphen was a staff project officer with Redstone's Field Service Division before becoming assistant executive officer.

Maj. Carstarphen graduated from Wichita Falls (Texas) High School and attended Oklahoma A. & M. College. He was a member of Beta Theta Pi fraternity.

His overseas service includes the European Theater (1943-46) and Korea and Japan (1952-54). He holds the Bronze Star with cluster and the Legion of Merit. The major entered service in 1942. He came to Redstone from Japan in 1954.

THANKS FOR BLOOD

After the Red Cross Bloodmobile collected a record 516 pints of blood, Mr. William N. Mandy of the Birmingham Regional Blood Center sent the following telegram to Maj. Russell Bergmann, chairman of the Arsenal program:

"Our grateful appreciation to you and arsenal personnel for outstanding response yesterday's Bloodmobile. Donations have enhanced our ability serve all hospitals and meet federal responsibilities."

Courses Revealed In Fall Graduate Study Program

The Graduate Study Program conducted by the University of Alabama at Redstone Arsenal will offer this fall at least four engineering courses, two physics courses and two mathematics courses. Plans are being made also for offering courses in the field of management and in chemistry.

It is suggested that newly interested persons arrange for a conference with the University of Alabama Graduate School representative as soon as possible. This may be done by calling Mrs. Turner of the RSA Training Branch, ext. 2448.

The engineering courses will be ME 203, Advanced Heat Transfer, MH 210, Advanced Fluid Mechanics, GES 222, Graduate Engineering Analysis and IE 196, Statistical Quality Control. The physics courses will be PH 221, Thermodynamics and PH 231, Electromagnetic Theory I. The mathematics courses will be MA 126, Numerical Analysis and MA 167, Advanced Calculus. Possible offerings in Chemistry are Chemical Thermodynamics and Advanced Inorganic Chemistry.

Additional announcements will be made later on the Graduate Study Program for the fall.

Classes begin the week of Sept. 30 and end the week of Dec. 16.

Inquiries will be welcomed concerning opportunities for part time evening teaching in the (See COURSES on page 2)

DR. STUHLINGER EXPLAINS IGY TO ROTARIANS

The worldwide cooperative effort by scientists to learn more about the Earth and the universe through the International Geophysical Year was explained to the Huntsville Rotary Club yesterday by Dr. Ernest Stuhlinger.

Dr. Stuhlinger heads the Research Projects Office of the Army Ballistic Missile Agency.

Sixty-four countries are actively participating, about 2,500 observation stations are planned and nearly 8,000 scientists will take part.

Dr. Stuhlinger said the International Council of Scientific Unions, represented in the U. S. by the National Academy of Sciences, is the central IGY organization. Information collected by any of the working teams is made available at once to all members. It will be collected and distributed by World Data Centers in the U. S., Western Europe, and the Soviet Union.

The IGY effort will cost \$500,000,000 Dr. Stuhlinger said, most of it furnished by the U. S. and Russia. The National Science Foundation raised the funds contributed by this country.

Dr. Stuhlinger said the IGY covers the period from July 1957 to December 1958. This was selected because it coincides with a maximum in the 11-year cycle of sunspot activity.

Sixty-four days have been earmarked as "Regular World Days" when observations of the moon and meteors will be particularly promising. During other periods, known as "World Meteorological Intervals," observations will be concentrated on weather and high altitude winds. "Special World Intervals" will be called when major sun activity develops.

Dr. Stuhlinger said that on these special occasions, efforts will be made to measure cosmic rays, aurora, magnetic field variations, ionization of the high atmosphere, and other phenomena possibly connected with the sun.

Observation stations have been located at almost inaccessible points, 10 nations have sent expeditions to Antarctica where 40 stations have been set up in deserts of ice and snow. The U. S. will man seven of them, one exactly on the South Pole. Two American stations near the North Pole were built on drifting ice masses.

In addition, amateur groups around the earth will participate (See STUHLINGER on page 2)

SEC. BRUCKER AWARDS CERTIFICATE FOR RSA SERVICE CLUB PROGRAM

Redstone Arsenal's Rocket Service Club recently won the second annual "Operation Army Service Club" contest in the Third Army area and was in the final judging at the Department of Army level.

A certificate of achievement was forwarded to the staff. Maj. Gen. H. N. Toftoy, Redstone commander, presented the certificate from Secretary of the Army Wilbur M. Brucker during a brief ceremony in the club.

The scrapbook, on which the judges based their decision, is now being circulated throughout the Army along with other scrapbooks that reached the Department of Defense so other clubs and their staffs can see what is being done and receive ideas for adoption in their programs.

Two categories were specified in the contest rules—a program developed by the Enlisted Men's

Advisory Council which furthered the good-will in the military establishment, and the community-military good-will established through the Service Club.

The first part of the Redstone scrapbook covers the enlisted men's program of "Pizza Parties." This was a program initiated and carried out under the direction of the Enlisted Men's Advisory Council.

The second half of the book is devoted to the annual "Fashion Show" which involves a men's and a women's clothing store and the Huntsville Ladies Club in town as well as the combined efforts of the Council members, the Service Club and Special Services staffs, volunteers, and wives of both enlisted men and officers.

Top prize at Army level was \$100, which went into patio furniture for the club.

GENERAL TOFTOY GETS PERMANENT MAJOR GENERAL

Maj. Gen. H. N. Toftoy, Redstone Arsenal commanding general, has received orders promoting him to the permanent grade of major general in the regular Army.

(See TOFTOY on page 2)

OGMS SOLDIER RECALLS FORMER DAYS, TRAVELS

By Pvt. Al Contento

"Oh for the wide open seas!" says reminiscing soldier. Pvt. Freeman Hathaway, a veteran ship's purser, now studying the Nike missile at the Ordnance Guided Missile School.

For four years before entering the service, Hathaway, who hails from Groton, Conn., plied the waters of the Caribbean and Eastern Pacific in Banana steamships visiting "far away places with strange sounding names" and meeting people you only hear about in novels.

He's seen the Ambos Mundos Hotel described in Hemingway's Farewell To Arms... Pompeii's ruins, Old Panama City (a favorite haunt of Morgan the Pirate in the 1600's), and Indian women selling Coke under the palm trees in Santa Marta, Columbia.

In Ecuador, Hathaway has seen the swift-flowing Guayaquil River that reverses direction with changes in the tide. Hathaway has seen islands of floating hyacinth plants in the Guayaquil and river boats which he describes as looking like "a combination of a Mississippi River boat, summer cottage, and Chin-

(See OGMS on page 2)



Pvt. Freeman R. Hathaway

Huth Heads Arsenal's United Givers Fund

EXEC COMMITTEE IS APPOINTED

C. W. Huth has been appointed chairman of the Redstone Arsenal United Givers' Fund Executive Committee for the 1957 campaign slated this Fall.

Other members of the committee are Lt. Col. Selby M. Frank, representing Redstone Arsenal; Maj. Lincoln B. Hunt and Walter Weisman, representing the Army Ballistic Missile Agency; and Lt. Col. Louis F. Driver and Dr. C. D. Leatherman, representing the

Ordnance Guided Missile School. Maj. Gen. H. N. Toftoy, Redstone commander, was appointed honorary chairman of the committee.

The committee will plan, organize, and direct the United Givers' Fund Campaign on post, and will cooperate with local officials in the conduct of the Madison County United Givers' Fund Campaign.

Last year, Redstone's first united fund drive resulted in the raising of over \$75,000—exceeding the post's quota by \$5,000.

The Redstone Rocket

The Redstone Rocket is a privately owned newspaper published every Wednesday 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.

The publisher will receive editorial content for publication in the Rocket only through the Public Information Office, Redstone Arsenal, Bldg. A-101, Extension 2212 or 2704. All advertising copy and payments therefor are received by Mrs. Zillah Newsome, 303 E. Holmes St., Huntsville, Ala., telephone JE-44701, as representative of the publisher.

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

OGMS

(Continued From Page 1)

ese junk". He's had sakes with a Japanese sea captain and been the "Mr. Tolly-man" checking the endless stems of golden fruit that dark-skinned loaders carry to the ship. Contrary to what Harry Belafonte says, they don't sing "Day-O."

In his capacity of purser, Hathaway has seen and met Italian movie producers, port officials and custom men, medical men, inspectors, diplomats, Cuban barkeepers, department store buyers, accountants on vacation, priests, and even dope smugglers.

As a purser, Hathaway was in charge of the ship's funds and handled the paper work involved in going from U.S. to Caribbean and South American ports. He kept the crew's personnel records, the shipping articles, manifests, and custom forms. He figured the wages and paid the crew at the end of the voyage. He was charged with keeping bills of lading and banana loading reports. Besides these duties, he was the captain's and chief engineer's clerk.

As passenger representatives one of Hathaway's "chores" was to see to the comfort of the few passengers a cargo ship carries. This often involved conversing with and being an escort to pretty female passengers.

It all started when Hathaway a freshman at Wesleyan University in Middletown, Conn., decided to do something different during his vacation. What could be more exciting than a sea voyage? That's what Hathaway figured when as an apprentice purser, he shipped aboard the "S.S. Jamaica" on its cruise to Cartagena and Santa Marta, Columbia.

Hathaway took his voyage to Genoa and Naples as a junior purser on the luxury liner "Constitution" late in the summer of '54. While in Italy, he visited the ruins of ancient Pompeii.

He went next to Cuba, the Dominican Republic, Ecuador, Costa Rica, and Panama as purser on the United Fruit Company's "S.S. Veragua".

The "Antigua" was Hathaway's next ship on its cruise to Baltimore, Honduras, Guatemala, and Jamaica where he saw authentic calypso.

Starting his Christmas vacation in '55 he worked in the unadventurous job of selling working clothes for Montgomery Ward in

TOFTOY

(Continued From Page 1)

The general became a temporary major general last September. The President recently recommended him for the permanent rank and the Congress has now confirmed it.

Gen. Toftoy became the commander of Redstone in 1954, having previously served two years as chief of the Ordnance Missile Laboratories. He has been connected with the Army's rocket and guided missile program for nearly 13 years.

COURSES

(Continued From Page 1)

Graduate Study Program. Interested persons may call the University of Alabama Center, JE 6-1596, the Redstone Arsenal Training Branch, Ext. 2448; or ABMA Training Branch, Ext. 4736.

New London, Conn. A call from his former boss at the United Fruit Co. sent him scurrying to the "U.S. Metapan" which brought him to the West Coasts of the U.S. and Panama. On its return trip, a collision with a ship in New York Harbor on a thick foggy January third detained the ship and made Hathaway late for school.

In spite of his sea trips, Hathaway graduated from Wesleyan in '56 with a Bachelor of Arts degree in English.

He was no sooner out of school than he went straight back to the United Fruit Co. and shipped aboard the "S.S. Hibuera" for a five-month tour of the West Coast of the U. S. and Panama, Ecuador, Costa Rica, Cuba, and the Dominican Republic.

Hathaway was temporarily placed "in dry dock" when he was drafted in New Orleans in November of '56.

Hathaway has applied for a reserve commission and would like to remain in the Ordnance Corps. What he'll do after his stay in service is uncertain— But memories of Caribbean nights, the blueness of the Gulf Stream, multitudes of parrots, pelicans, herons, grass shacks, mud, flies, and snapping yellow dogs may well have a siren effect and lure an "Old Salt" back to the sea.

Wantads Are Money Savers



FAREWELL—Lt. Kenneth L. Shave (center) receives orders sending the 13th Ordnance Company to Fort Bliss, Texas. There they will support Post Ordnance, Red Canyon, and White Sands Proving Ground. Col. Henry S. Newhall, (left) commandant of the Ordnance Guided Missile School, and Lt. Col. Ernest W. Ewbank (right) look on. The company has been in training here.

STUHLINGER

(Continued from Page 1)

in satellite-observing, known as "Project Moonwatch." The Rocket City Astronomical Association, of which Dr. Stuhlinger is a member, has organized a team to maintain surveillance at the Monte Sano Observatory.

"Huntsville will thus contribute very directly to the IGY," Dr. Stuhlinger noted.

The many scientific problems due for investigation have been classified into 11 groups, the speaker explained, as follows:

Meteorology, Solar Activity, Cosmic Rays, Aurora, Geomagnetism, Ionospherics, Gravimetry, Geodesy, Seismology, Glaciology, and Oceanography.

Dr. Stuhlinger listed some of the specific areas of interest.

1. Influence of atmospheric carbon dioxide on weather. The gas, whose amount in the air increases gradually because of automobile engines, acts like the glass shielding of a greenhouse. It allows short solar heat radiation waves to enter but does not allow longer waves of earth heat radiation to escape. The result is a gradual rise in the earth's average temperature which may possibly cause much of the polar ice masses to melt.

2. Measurements of solar activity will be taken from 50 stations, many from balloons and from high altitude rockets because of the important interactions between radiations and the atmosphere which occur as high up as 50 or 100 miles.

3. It is hoped some light can be shed on the origin of cosmic rays, some of whose particles have energies a million times greater than those produced in the largest accelerators on earth.

4. Correlation of the strength of the earth's magnetic field with solar activities and effects in the high atmosphere.

5. Investigation of features of

the ionosphere which reflects radio signals and makes long-distance transmission possible.

6. Measurement of the earth's gravitational force, including investigations by submarines into the structure of the ocean bottoms.

7. A major effort will be made to determine the exact location of the continents and major islands by photographs of stars.

8. Progress in the art of predicting earthquakes from sensitive measurements of stresses and tensions in the earth's surface.

9. Measurement of the thickness of ice cover at the South Pole by which a temperature chart may be established dating back hundreds of thousands of years.

10. Effects of enormous cold currents in the seas which influence weather.

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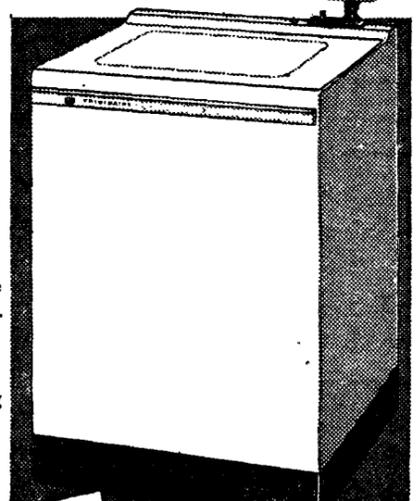
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COL. HARTSELL H. NORTHINGTON

NORTHINGTON PROMOTED TO COLONEL

Lt. Col. Hartsell H. Northington has been promoted to colonel in the Corps of Engineers, U. S. Army.

Maj. Gen. J. B. Medaris, commanding general of the Army Ballistic Missile Agency, pinned the silver eagles on the new colonel's uniform with the assistance of Mrs. Northington.

The colonel is deputy chief of the Missile Agency's Engineer Office. He entered the Army July 5, 1939.

He is a graduate of Humphreys, Okla., High School and Okla. A.&M. College at Stillwater. He is a member of Pi Tau Sigma, honorary mechanical engineering fraternity, and the Society of American Military Engineers.

Col. and Mrs. Northington reside at Redstone Arsenal.

He wears the Silver Star, Bronze Star Medal with Oak Leaf Cluster, Korean Unit Presidential Citation, American De-

fense, American Theater, European Theater, World War II Victory, Army of Occupation (Germany), Korean Service, American Service, and American Defense (Korea) ribbons.

S.O.P.



TAIL PIPE



'WHAT'LL IT BE...THE STUFFY OL' MOVIES OR A STROLL IN TH' BEAUTIFUL PARK?'

'CARTOON OF THE WEEK'
SELECTED FROM
WACOM COURIER
WESTERN AREA COMMAND, APO 217, N.Y.



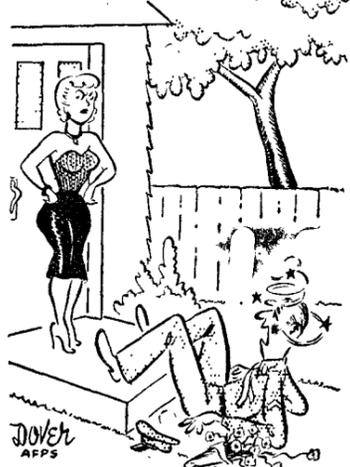
'BE WITH YOU IN FIFTEEN MINUTES, GURNEY...COFFEE BREAK TIME.'

SNAFU



'DO YOU MIND KICKING YOUR FEET A BIT TO STIR UP THE VEGETABLES?'

S.O.P.



DOES THIS MEAN WE'RE THROUGH?

TWO OFFICERS CITED

Capt. Paul L. Gurnee and Lt. Robert O. Black of Redstone Arsenal have recently been awarded the Commendation Ribbon with Metal Pendant for meritorious service.



\$200 AWARD—A \$200 award for his suggested improvement in a Test Laboratory process was recently presented to Euple J. Palmer, Army Ballistic Missile Agency technician, by Brig. Gen. J. A. Barclay, deputy commander. Palmer is a graduate of Hamilton, Ala., High School and attended Athens College. He served in the Army Signal Corps as an electronics laboratory technician and is a member of the American Legion.

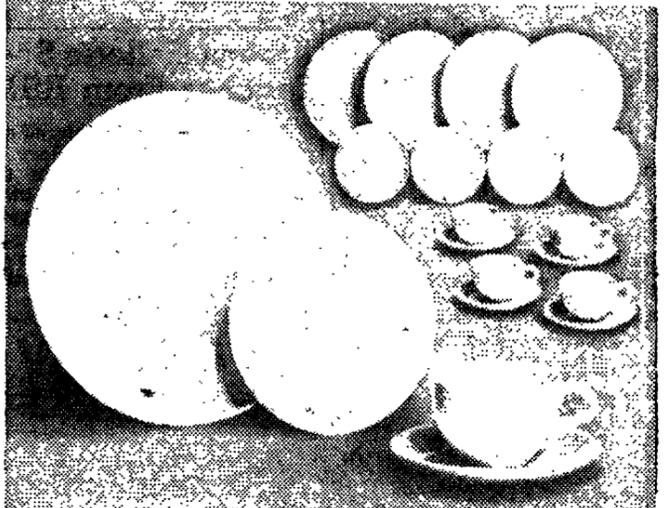
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Lt. Alton Evatt Named Aide to Gen. Shinkle



LT. ALTON H. EVATT

* * *

Lt. Alton H. Evatt is the new aide-de-camp to Brig. Gen. John G. Shinkle, deputy commanding general of Redstone Arsenal.

Lt. Evatt came to Redstone from Europe. He served for 16 months with troops in a heavy maintenance outfit and later worked as Ordnance procurement officer with headquarters in England. For three months, he acted as chief of the branch office in Belgrade, Yugoslavia, and also spent some time in Germany.

The lieutenant entered the Army in July, 1952, and graduated from Leadership School at Ft. Jackson, S. C.

From there he went to Officer Candidate School at Ft. Benning, Ga., and was a distinguished military graduate in his class.

Later he studied at Aberdeen Proving Ground, Md., taking the technical armament course as well as the basic officer's course.

At Clemson College, S. C., before he entered the armed forces, Lt. Evatt studied textile management. In the Army, he found the management end of the studies very useful, he said.

The lieutenant was sent here as a procurement officer in the RSA Industrial Division.

Mrs. Welch Is Garden Club Host

The regular monthly meeting of the Redstone Garden Club was held Tuesday evening, Aug. 20, at the home of Mrs. Harry C. Welch, Jr.

Mrs. Royal W. Fyfe Jr. was appointed treasurer, succeeding Mrs. Thomas B. Tucker who is leaving the arsenal this month.

Miss Kim Steen of Darien, Conn., was a guest of the club. She is the cousin of Mrs. Peter G. Neilson.

After the business meeting, Mrs. White of White's Flowers in Huntsville gave a demonstration on how to make corsages out of garden flowers. She also made a centerpiece out of flowers grown by Mrs. John B. Collins.

Coffee and cake were served to the 13 members and two guests attending.

Couples Bridge To Meet Sept. 9

Couples Bridge met at the Officers Open Mess on Aug. 19. Winners in the ladies division were Mrs. Witt Compton and Mrs. Benjamin Keyersling with Mrs. Burton Shook holding low score.

Mr. Jack MacGrae and Capt. Hugh Carmichael held high scores in the men's division with Mr. Witt Compton taking low score.

The next meeting will be on Sept. 9 instead of Labor Day. The host and hostess for this meeting will be Capt. and Mrs. Claude E. Matthews.

Athens College Seeks Teacher From RSA

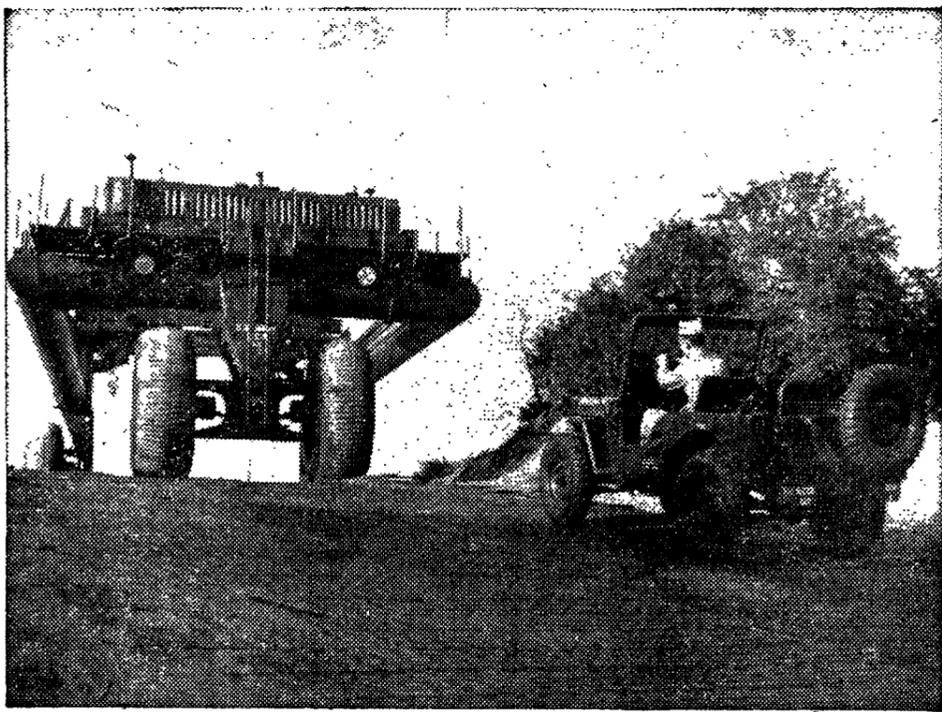
Athens College is interested in securing an Arsenal employe with a Ph. D. degree who can teach courses in sociology and history two nights a week. (Tuesday and Thursday.)

The Ph. D. need not necessarily be in the social sciences, al-

thought preferably the person should have had some interest, education, or experience along those lines, according to Dr. Perry B. James, Athens College pres-

ident. A person holding a Master's degree in the social sciences would also be considered for the part-time teaching position, he

added. Interested personnel should contact Dr. James at telephone 1933 or 1934 in Athens.



LIKE PRAYING MANTIS—The Army Transportation Corps' only Landing Craft Retriever looms ominously over a humble jeep at Fort Story, Va. The 101-ton LCR is actually very benign. It can wade into nine feet of water over a disabled or broached landing craft, tuck the 67-ton workhorse under its middle, and refloat it or tote it to the beach for repairs.



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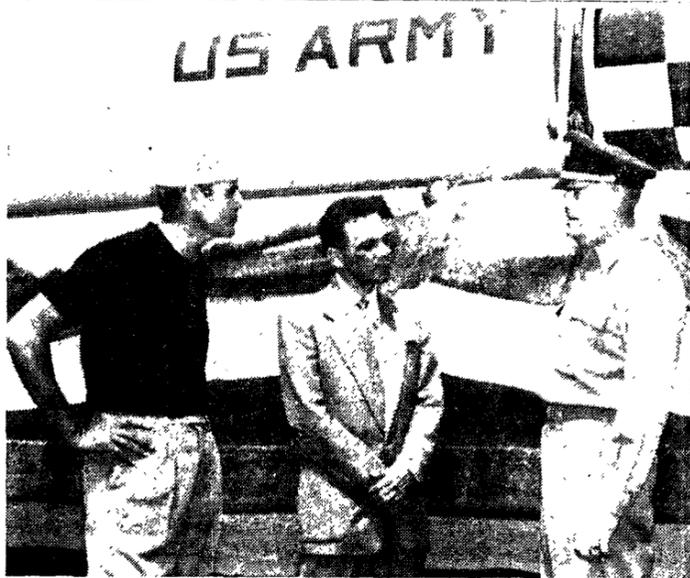
TRY



OPPOSITE THE SHOPPING CENTER



RESERVISTS TAKE TRAINING—Members of the 411th Ordnance Group Headquarters at Huntsville recently participated in Army Reserve Summer training at the Atlanta General Depot. Shown above, left to right, are: Lt. Col. (USAR) Wade H. Ewart, executive officer; Col. (USAR) Chauncey W. Huth, commanding officer; M-Sgt. (USAR) Thomas N. Younger, Group sergeant-major; and Capt. (USAR) Robert E. Sorrels, Group adjutant. Col. Ewart and Col. Huth are Arsenal employees, the former in Research and Development Division and the latter in the RSA Plans Coordination Office. The 411th Group Headquarters was relocated at Huntsville from Birmingham in the Spring of this year, and is made up largely of Arsenal personnel.



MISSILE TO MIAMI—This Corporal guided missile from Redstone Arsenal, helped the Alabama section lead the huge parade at the VFW's national convention in Miami last night. The exhibit was sponsored by VFW Post 2702 of Huntsville. Jack Ivy of Post 2702, left above, and Ed Lawrence of Firestone Tire and Rubber Co., which produces the Corporal for the Army, discuss the trip to Miami with Warrant Officer Kenneth Waltman of the RSA Field Service Division.

Sure is going to be tough on backseat drivers when we get to where we travel faster than sound.

New 'Top Banana'

FORT LEWIS, Wash. — One of the biggest little Army posts in the country, Yakima Firing Center, its 261,000 acres manned by 66 officers and men, tasted a change in command this month.

Located in Washington's productive Yakima valley, renowned as "the fruit bowl of the nation," its new commanding officer is Major C. E. Cherry, replacing Major Osborne F. Apple.

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

At a recent conference of social welfare workers it was decided

that swimming pools are one answer to juvenile delinquency. However, they didn't decide how long you have to hold them under.

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SOUTH SIDE SQUARE

Local Shooters Win 7 National Awards

Members of the Redstone Arsenal Pistol Squad won seven awards at the National Pistol finals held at Camp Perry, Ohio last week. They were in competition with over 1300 pistol men and women from Puerto Rico, Cuba, South America, overseas U. S. Military Commands, and several teams from all six army areas, in the USA, as well as Navy, Air Force, National Guard, Police Force, Coast Guard, Border Patrol, and outstanding civilian men and women shooters.

Redstone Shooters entered competition in the Marksman, Sharpshooter, and Expert Classes. Shooting conditions varied from cold mornings through warm and very windy afternoons. A number of matches were fired by Redstone shooters upon which they had had no prior practice, such as the .22 Caliber International Match Course.

Capt. George H. Adams, RSA, won the Aggregate for this match in the Expert Class with a score of 1055 points out of a possible 1200. In the Slow Fire Stage of this match, Capt. Adams was only two points behind M-Sgt. Hulin Benner, noted Army pistol champion of many years firing. Pfc. Thomas E. Rickman, ABMA, won the Marksman Class Aggregate of this event with a score of 977 out of a possible 1200 points.

Maj. Vernon Lee Dawson, RSA, firing with the Third Army Team

was not able to enter the International .22 Cal. Match, however, placed in the Expert Class in the .22 Caliber Timed Fire Match and .22 Cal. National Match Course. CWO Daniel D. Cogswell, of OGMS, placed fifth Sharpshooter in the .22 Cal. International Aggregate.

Pfc. Thomas E. Rickman, ABMA, was second Marksman in the .22 Cal. Timed Fire Match and fifth Marksman in the Center Fire National Match Course.

Other members of the RSA Squad that attended the Nationals were Capt. Luther G. Walker, CWO George Seely, and SP3 Richard McKee all of OGMS. All members of the squad attended the National Matches Small Arms Firing School where valuable instruction was received in pistol shooting. Also, the association with the nation's distinguished pistol shots was invaluable to experience and morale, members reported.



Rockets Set 7 Home Games

The Redstone Rockets have been training since the middle of July, but last week they put on the pads and started on the "down to earth" part of training. Under the capable direction of coach Bill Hollenbeck, assisted by James "Red" Whisenant, the gridders are running plays, throwing passes, tackling and blocking in preparation for the opening game.

The Rockets will open the 1957 season against the Bessemer Rebels on Sept. 28 at Linton Field. This year is a season for the home fans with seven out of nine games to be played at Linton Field. The Rockets will be away for games with Ft. Stewart Ga., and Maxwell Air Force Base, while at home they will play the:

- Bessemer Rebels — 28 Sept.
- 502nd Airborne, Ft. Campbell — 12 Oct.
- Southern Union College — 19 Oct.
- 937th Engr. Group, Ft. Campbell — 2 Nov.
- Sewart Air Force Base — 9 Nov.
- Birmingham All Stars — 16 Nov.
- Moody Air Force Base — 23 Nov.

The Redstone Rockets, though not a big conference team, promise to show the same determination and competitive spirit as Tennessee or Georgia Tech. and should be well up in the victory column at the end of the season.

REDSTONE WINS OVER CAMPBELL

After losing the opening game Saturday night 5-3 with winning runs on base 8th and 9th innings, and unable to get the punch needed to win Saturday night's game, the Redstone Rockets came back Sunday behind the brilliant pitching of Thomas Simons to win a shut-out 3-0, the only one of the season. It was highlighted by an inside park home run with one man on base in the 3rd inning by John Schillo. The Rockets playing excellent defensive baseball did not allow any Ft. Campbell players to reach home plate.

The last home game of the Rockets was by far the best game played all season.

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THIS THE NAVY NEVER ISSUED—Medical personnel of the 25th Infantry Division in Hawaii use shovels to paddle their craft, a field expedient for casualty evacuation. Made from a truck cover, seven litters and tent ropes, seaworthiness up to twelve hours is claimed, if the canvas is not too old.

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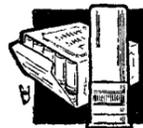
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 0945 Hrs. — Sunday Church School, Grade 4 through Junior High.
 1100 Hrs. — Sunday Church School, Age 3 through Grade 3.
 1100 Hrs. — Morning Worship. Nursery for babies and small children.
 1830 Hrs. — Young People's Meeting, Ages 12 and over.
 1845 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 Shalom, 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
 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



LEARNING WATER SAFETY—Cub Scouts from Pack 234 have spent the summer learning to take care of themselves in the water and earning merit badges for swimming at the same time. Some of the cubs from the pack are assembled here with Lee Whelan, an Explorer Scout working toward his lifesaving merit badge and helping the cubs on the side. Back row (left to right) are: John McCarthy, Jimmy Stenstrom, Burton Shock, Jr., Tommy Dooley, Ronnie Bishop, Dutch Mallory, Chad Michaels, Jack von Kaenel, Vance Salter, Frank Stenstrom and Whelan. In the front row (left to right) are: Bobby Clary, Brian Haggard, Pat Rosier, John Baker, Carl Selfe, Tim Paul, Carl Pinyerd, John Selfe, Fred Robison, Frank Dill and Tom Seigler. (Photo by Bill Kellar)

POST YOUNGSTERS LEARN TO SWIM

Cub Scout Pack 234 has been practicing for swimming merit badges all summer under the supervision of Mrs. Peter Horne.

Mrs. Horne has had four Explorer Scouts as assistants: Lee Whelan, Bill Trotter, Bruce Slatter and Charles Nickerson. The Explorers are working on merit badges for life-saving as well as helping the younger boys learn

the art of swimming. The Girl Scouts in Troop 53 also won merit badges and Red Cross certificates during the summer under the direction of Miss Martha Gates, the Rocket Service Club Recreation director.

One girl, Ann Daires, went from the beginners class through the intermediate and swimmers classes in the course of the summer.

Altogether 80 girls participated in the program which consisted of 195 separate courses.

Twenty-two received Red Cross beginners certificates, 10 intermediate certificates, 11 swimmers certificates and 9 passed their junior life-saving tests.

Eight girls earned a Girl Scout swimmer badge and nine girls received the Girl Scout junior lifesaving badges.

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

WHITESBURG DRIVE-IN

LAST TIMES TONITE

THE GREAT AMERICAN PASTIME
 starring TOM EWELL, ANNE FRANCIS, ANN MILLER

THURSDAY & FRIDAY

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 Brenda Marshall • Donald Crisp • William Demarest
 Plus

A SHOCKER!

CRIME IN THE STREETS
 JAMES WHITMORE, JOHN CASSAVETES • SAL MINED

SUNDAY & MONDAY

color by **TECHNICOLOR**
STREETS of LAREDO
 William HOLDEN • William BENDIX

TUESDAY & WEDNESDAY

JENNIFER JONES, JOHN GIELGUD
 BILL TRAVERS • VIRGINIA McKENNA
THE BARRETT'S OF WIMPOLE STREET
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"BATTLE HELL"
 with RICHARD TODD

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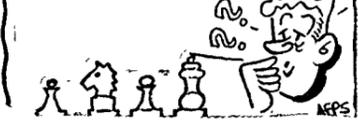
STARTS SUNDAY
JACK WEBB AS TITLE
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A GEM—Dani Crayne, Warner Bros. player, wears a black bathing suit dotted with jewels, in addition to a string of pearls around her ankles.

Rhymes of the Times

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Johnny Tremain
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A CinemaScope Production

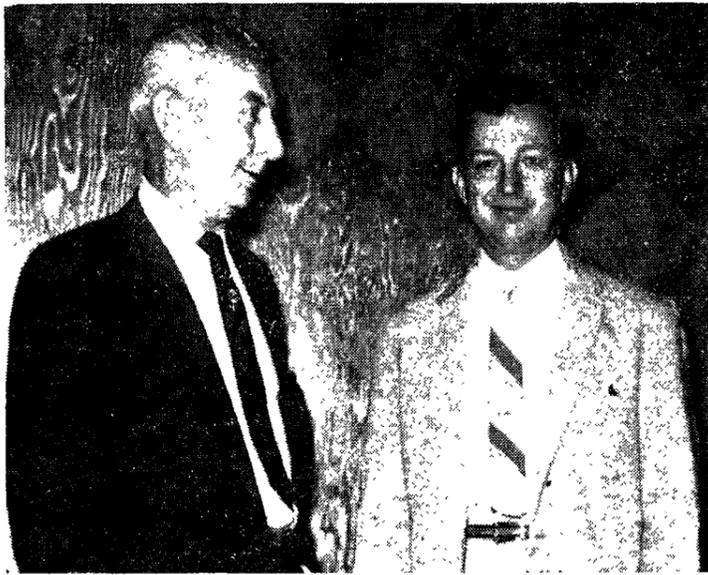
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ENGINEERS COMMENDED—Two men from the Industrial RSA Division received a personal commendation from Lt. Gen. Emerson L. Cummings, Chief of Ordnance, during his recent visit to Redstone Arsenal. They are Charles Wayne (left), deputy director of the Surface-to-Air Engineering Management Section, and Paul Phillips, senior project engineer on a guidance and control project. The two men recently visited Italy with a team of representatives from all the armed forces and industry. It was headed by Henry Marsh, formerly assistant secretary of the Army and now with the Hercules Powder Company. When they returned from Europe, Marsh made a special trip to see Gen. Cummings to commend the Ordnance representatives. As a result, Gen. Cummings personally commended them during a conference at the Industrial Division here.

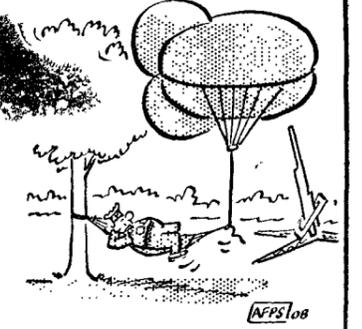
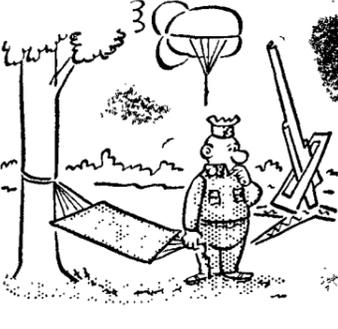
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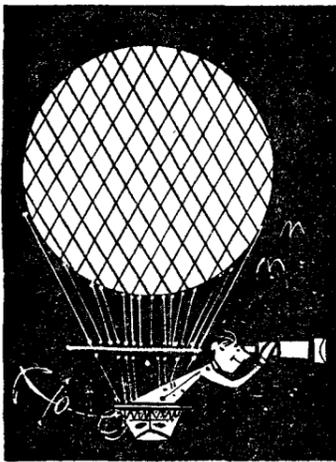
OPERATION BLONDE



STUFFY



Someone said that bankruptcy is the trick of putting your money in your hip pocket and letting your creditors take your coat.

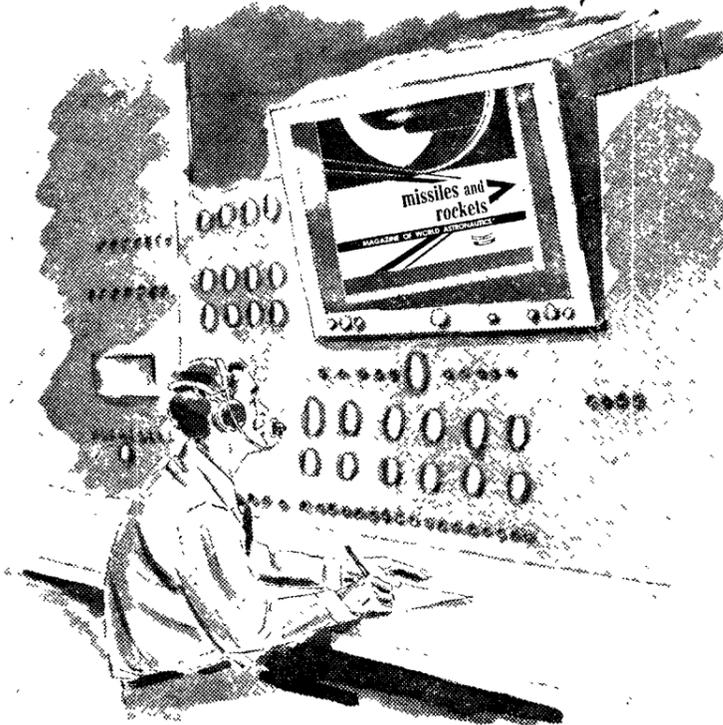


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SPECIAL INTRODUCTION NEW READERS OFFER ENDS OCTOBER 1, 1957



CHARACTER GUIDANCE SWEEPSTAKES—Ordnance Guided Missile School troops took all the honors in the Character Guidance program for the past six months and already have a point toward winning again by gaining the plaques above. With Maj. Gen. H. N. Toltoy, commanding general of Redstone Arsenal, are (left to right): Lt. Col. F. Driver, Jr., commanding officer of the school troops; Capt. Tarantula O. Purvis, commanding officer of the Headquarters and Headquarters Detachment; and Capt. Clarence E. Ayres, commanding officer of the 2nd Enlisted Training Detachment. They hold the plaques awarded in each of the three categories: one, units containing 400 or more men; two, units of 100 to 399; and three, units of 25 to 99 men. The award of the plaques is based on individuals or units earning medals, commendations, trophies, and other types of participation in the military community.

tween July, 1956, and June 1957, was up 36 per cent over the previous year. And the number of adoptions of suggestions went up 133 per cent on post.

Third Army as a whole saw the number of adoptions rise 20 per cent and the number of total suggestions rise 15 per cent.

The amount of money awarded to employees is scaled according to the amount of estimated savings. Awards range from \$10 on up to \$5,000 for a single suggestion.

One employe at Fort McPherson, Walter W. Bailey, has received three different cash awards for a single suggestion, when it was implemented at post, Third Army and Department of the Army levels.

Another, James Bullard, has already received \$475 for a suggestion resulting in considerable savings in transportation costs and he may receive an additional award soon.

Third Army is really suggestion-conscious.

MOVIE SCHEDULE

Wednesday, 28 August 1957, "Portland Expose" starring Edward Binna and Carolyn Craig (Mature) Time 1900.

Thursday, 29 August 1957, "Jet Pilot" starring John Wayne and Janet Leigh (Mature) Time 1830 and 2030.

Friday, 30 August 1957, "Boil-out at 43,000" starring John Payne, Karen Steele and Paul Kelly (Mature) Time 1900.

Saturday, 31 August 1957, "The Counterfeit Plan" starring Zachary Scott and Peggie Castle (Mature) Time 1900.

Sunday, 1 September 1957, "Action of the Tiger" starring Van Johnson and Martine Carol (Mature) Time 1830 and 2030.

Monday, 2 September 1957, Closed.

Tuesday, 3 September 1957, "Sea Wife" starring Joan Collins, Richard Burton and Basil Sydney (Family) Time 1900.

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

Read the Wantads

**Suggestion Program Big Success
TAXPAYERS GET BACK 2200 PCT.
INTEREST ON 'PROJECT PAYDIRT'**

HEADQUARTERS THIRD UNITED STATES ARMY, Fort McPherson, Ga. — How's 2200 per cent interest on your money? That's about how much tax-

payers got back for money paid out in Fiscal Year 1957 in Third Army's "Project Paydirt" — the civilian suggestion program, which is proving a big success.

In the three months preceding June 30, 1957, Third Army paid out \$4,600 to employes who had ideas which resulted in economy in the Army's operation. The total saving is estimated at \$104,960, not to mention intangible savings such as civil (and military)

servants' tempers and morale. Of 400 suggestions received from civilians during April, May and June, 139 were deemed worthy and were implemented.

Suggestions by military personnel are not covered by "Paydirt," though officials are hoping to improve the incentive program for enlisted men. There is now, however, a quarterly suggestion contest for military personnel. The best suggestion in Third Army made by an enlisted man is rewarded with a \$100 prize; minimum savings of the suggestion must be \$2000. Second prize is \$50; minimum savings, \$1000. Third prize is \$25; minimum savings \$500.

The most important aspect of "Paydirt," which is an Army-wide project, is the amazing growth of interest in suggesting. There have already been more approvals of suggestions made in July than were approved in the entire first quarter of Fiscal Year 1957. And a number of the July suggestions have not yet been processed.

At Fort McPherson alone, the number of suggestions made be-

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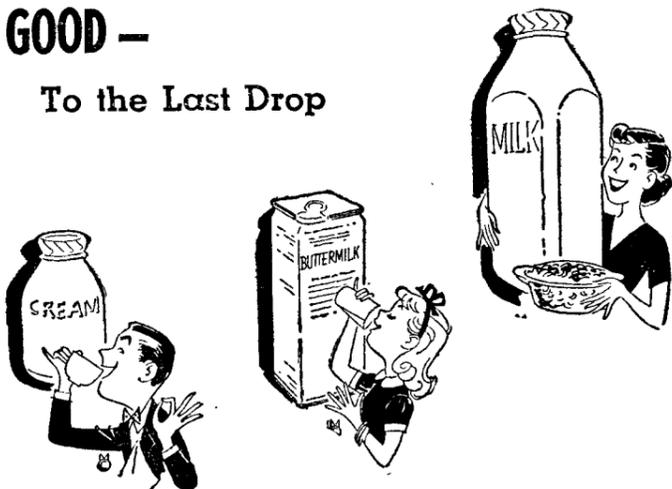


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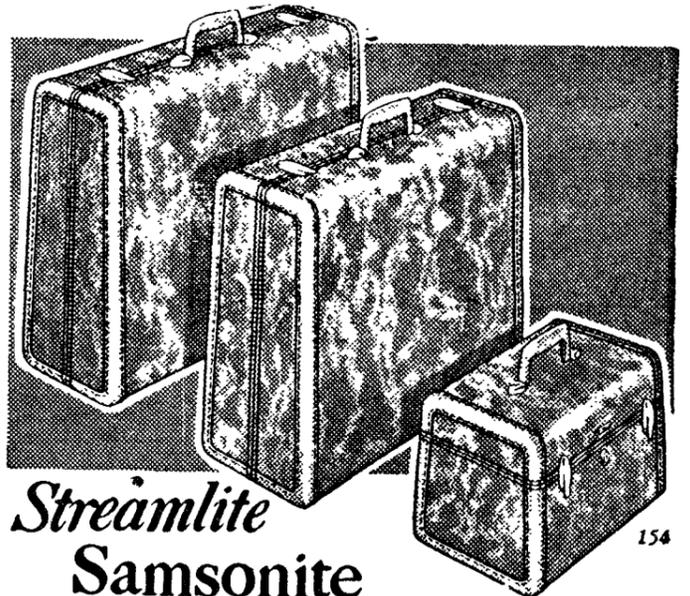


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At The Service Club

Records are breaking at the SC, and the smashing results are viewed with delight. The attendance at bingo last week was 122, while 102 people signed up for the Rock City tour on August 17. The crowd for the Dean Hudson dance cracked all records. The hostesses from Nashville and Birmingham were here and with the hosts and other guests the crowd exceeded 450. The packed floor almost prohibited anything but wiggles. The dancers were nearly bumper to bumper.

The winner of the Guest Maestro Contest was Julius Beasley. A musician of no mean proportions he shook the crowd along with the maracas in a hot rumba. The enthusiastic appreciation of his performance won for him the GE Transistor Radio. A saxophonist, also, he sat in and played with the band later in the evening.

The success of the evening was due to a large extent to Dave Wilkins, who designed and painted the Moon Over Miami backdrop. Palm trees designed by Dave were suspended from the ceiling on both sides of the stage to complete the tropical and enchanting effect. The patio tables with red and white striped umbrellas bordered the dance floor and the atmosphere of a cabana was effected.

Dave, an adopted Californian, is actually a native of Connecticut. However, there is no booster

of California who excels Dave in the superlative when describing this West Coast paradise. Dave earned a degree in fine arts from Santa Barbara College and then worked for five years as an architectural illustrator with Shrewsbury-Nichols Architectural Illustrators.

Dave is a lover of good music, especially modern jazz. He is also a highly talented artist, and has been wonderful about helping us here at the SC. He created the scenery and props for the Fashion Show last spring and the Pizza Party. These two events in addition to the other outstanding programs given at the SC recently won for the SC a Certificate of Achievement.

This month seems to be a month of tournaments and lessons. The first tournament will be the Ping Pong Tournament on Thursday the 29 at 1830. Posters will be placed on the bulletin board for the Small Games Tournament, which included badminton, hand ball, ping pong, and horseshoes. The Redstone Tournament will decide the winners to go to the 3rd Army Tournament at Fort Benning, Ga. This is quite a tournament so we plan to play the finals for both the singles and doubles matches for badminton and ping pong in the lounge. Ring-side seats will be set up for the spectators. Watch the bulletin board for other announcements about the tournament.

Dance lessons for a Beginner's Dance Class have been arranged. The lessons will be given on Tuesday evenings at 1930 hours in the TV room. The class will be held for six weeks, and the entire course will cost \$3.00. Lessons for couples will be held on the same night at 2030 and at the same cost per person.

The instructor is highly qualified. He has had six years experience in all phases of ballroom dancing—fox trot, rumba, tango, samba, and the waltz. Most of his work has been performed in California and Hawaii. The first series of lessons will include the basic fox trot step and the variations of it. A poster has been placed on the bulletin board in the SC for all interested people to register. Everybody must register before Sept. 9 to be eligible for the class which begins on



'OUTSTANDING'—Mrs. Lucille D. Ridings (center), and employe of the Technical Documents Library of ABMA, was recently awarded an "outstanding" performance rating and a \$200 cash award. The honors recognized her service as supervisory librarian at Brookley Air Force Base, Mobile, Ala., where she was formerly employed. Brig. Gen. J. A. Barclay, deputy ABMA commander, made the presentations and gave Mrs. Ridings the letter of commendation written by Brig. Gen. L. B. Keiley, who commands the Mobile Air Materiel Area. At right in photo above is Mrs. Charlotte Chesnut, supervisor of the ABMA Technical Library. Mrs. Ridings, the award recipient, has been a librarian 18 years. She also spent five years teaching.

Service Club Schedule

Crafts Shop Operating Hours
Tuesday thru Friday 1730-2200
Saturday and Holidays 0800-1630

Swimming Pool Operating Hours
Monday thru Saturday 1000-1800.

Sunday 1200-1800.
Even days of the month are reserved for officers, their dependents, and guests. Odd days of the month are reserved for enlisted men, their dependents and guests.

The Post Swimming Pool will close for the season on Tuesday, September 3, 1957.

Golf Driving Range and Archery Range Operating Hours
Monday thru Friday 1700-2130
Saturday 1300-2100.
Sunday and Holidays 1400-2100.

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MODERN HEALTH Club Services — Central YMCA, 203 South Green St. is offering massages, turkish baths, electric heat cabinets, ultra-violet and infra-red lamps, diathermy, sun lamp, swimming pool. Graduate Masseuse in charge. Phone JE 471-31. tfe

JOHNSON SEA-HORSE Sales and Service, boats, trailers, marine accessories, used outboard motors, easy terms. **AUTOMOTIVE PARTS CO.**, 610 Meridian St., phone JE 2-5654. tfe

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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. tfe

FOR SALE— 2.18 acre lot, located 3 miles from city limit on Highway 72 West, restricted housing zone. For information contact A. L. Powers, Ext. 6870, or JE-6-8212 after 6:00.

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OGMS Specialist Gets Commission

Stanley E. Frankenthaler, Jr., of Rockville Centre, Long Island, N. Y., a former Classification and Assignment Specialist at the Ordnance Guided Missile School has been commissioned a second lieutenant in the Ordnance Corps.

He will proceed to the Ordnance School, Aberdeen Proving Ground, Md., where he will attend the Ordnance Officer Basic course.

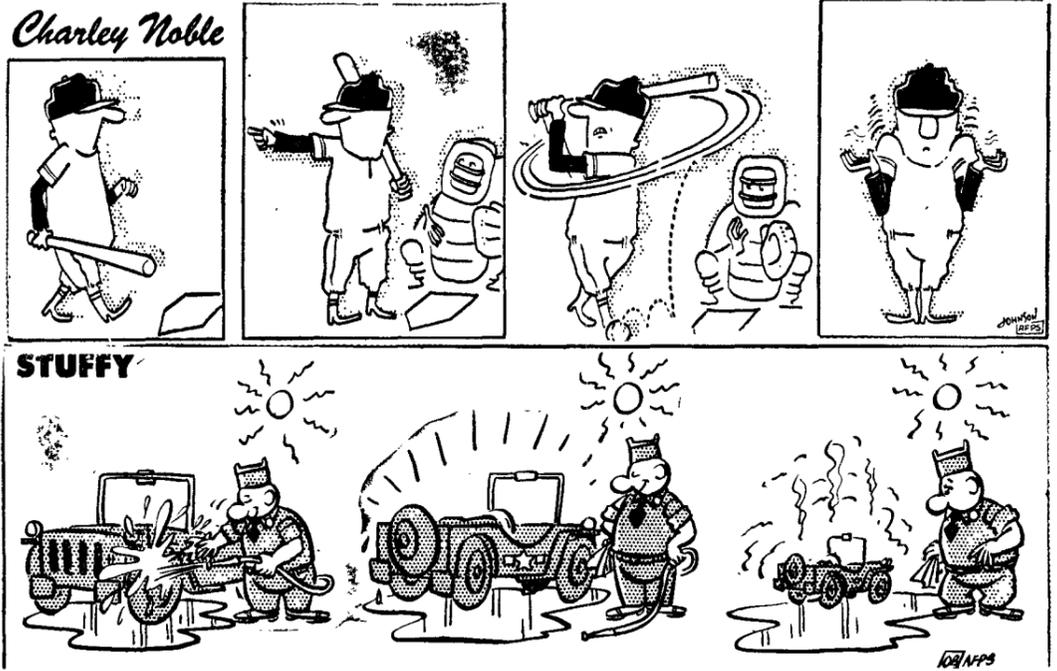
Frankenthaler entered service in September of 1955 and took basic training at Fort Dix, N. J.

He is a graduate of South Side High School, Rockville Centre, and a graduate of Hofstra College, Hempstead, N. Y., with a degree in business administration. While at Hofstra he was a member of Who's Who in American Colleges and Universities, Student Council, Gold Key Club, and Gamma Rho Epsilon Social Fraternity.

While at OGMS he was a member of the Redstone Arsenal Volunteer Fire Company, and was Scoutmaster for Redstone Troop



CONGRATULATIONS— Former Specialist Stanley E. Frankenthaler accepts congratulations from Lt. Col. Ernest W. Ewbank, assistant commandant at the Ordnance Guided Missile School, upon receiving commission as a second lieutenant in the Ordnance Corps. With a delighted smile, Lt. Frankenthaler's wife Virginia pins on his bar.



234. He is married to the former Virginia Boyd, daughter of Clarence E. Boyd, Birmingham. Lt. and Mrs. Frankenthaler reside at 718 Holmes Street, Huntsville.

regional conference for 16 chapters of the Association in the Southeast will be held in Birmingham, Feb. 21-22.

N. A. A. is an educational, research, and service organization whose purpose is to bring about a better understanding of the nature, purposes, and uses of accounting as applied to all types of economic endeavor. It is the world's largest accounting association with over 40,000 members affiliated with 131 chapters in America, Hawaii, Cuba, and in over 70 Foreign countries. The North Alabama Chapter of N. A. A. has a membership of 150 members from Morgan, Limestone, Madison, Lawrence, Colbert, Lauderdale, Franklin, and Winston counties. Anyone desiring information concerning membership should contact Robert C. Huffman, P. O. Box 921, Huntsville, Ala.

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ABMA DRAFTSMAN WINS FIRST PRIZE IN FLORIDA HOME DESIGNING CONTEST

A draftsman employed by the Army Ballistic Missile Agency at the Missile Test Center, Patrick Air Force Base, Fla., has won first prize in a Florida contest for best home design.

He is Robert G. Reyer, 23, of 4956 Santa Rosa Dr., Orlando Fla. He has been working in Florida 19 months. Previously he was employed for a year at Redstone Arsenal. His home then was 303 Sanders St., Athens.

Reyer received a radio-phonograph, hi-fi console as his reward. The contest was sponsored by the "Orlando Sentinel."

"Reyer's plan represented best the combined thinking of every contestant," commented Joseph Shifalo, president of the Mid-Florida Chapter, American Institute of Architects. Shifalo was one of the nine builders and architects who judged 260 floor plans for the "ideal Florida home."

Shifalo said the Reyer design incorporated the following features:

1. Definite direction to the entrance along with considerable beauty to produce a more dramatic entry.
2. Privacy for bedrooms and a very luxurious master bedroom.
3. A well-proportioned general activities area that also served as a central area for all family life.
4. Location of the kitchen to an outside terrace, making an ideal area for entertainment as well as an area for supervised children's play.
5. Simplicity of detail that would make the home easy to construct and easy to maintain besides making a design that would be tasteful for many years.
6. The choice of materials for decorative effect would give the home warmth, freedom from clutter, and a direct relationship to the outdoors which all homes for Florida living should embody.

Reyer, a general design draftsman, spent about 36 hours on his plan. He wants to see the house built and said a number of people have discussed the possibility with him.

Inform Credit Union Of Address Change

The supervisory committee of the Redstone Federal Credit Union has announced that more than 150 notices to members have been returned because individuals failed to let the Credit Union staff know when they change addresses.

It was pointed out by the committee members that this entails extra expense not only in postage but in the time consumed by staff members in locating these individuals.

The committee is urgently appealing to all members who change their addresses to let the office staff know immediately.

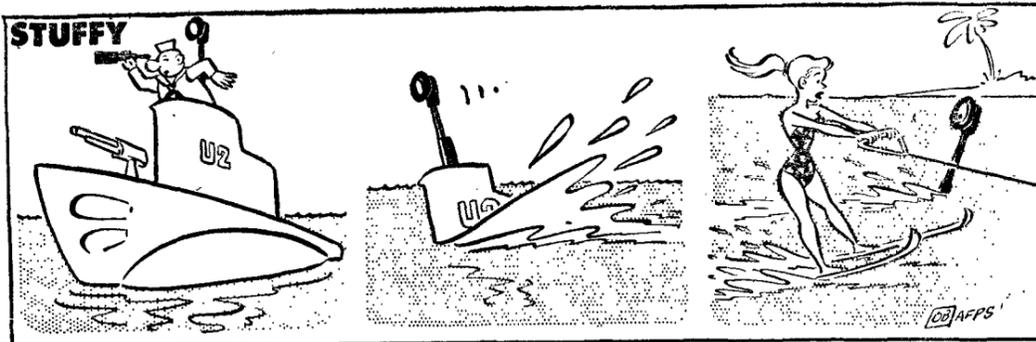


SUGAR CANE — Sweet and lovely Mary Lou Lynn of Yonkers, N. Y., sports a cane while strolling along the sands of Miami Beach, Fla.

GA. TECH ALUMNI TO HEAR WOLFORD

Herman Libbe, president of the Georgia Tech - Huntsville Alumni Chapter, announces that Jim Wolford, head of Co-op Engineering at Georgia Tech, will speak at a dinner meeting of the Chapter Sept. 27, at the Elks Club.

Mr. Wolford will talk on "The Co-op Educational Plan."



COMMENDED

Lt. Robert W. Loughlin of Redstone Arsenal has been awarded the Commendation Ribbon with 1955, to Aug. 16, 1957. Metal Pendant for meritorious service during the period Nov. 1,

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