

## HERRING, CLEARY LEADERS

### March of Dimes Gets Underway at Arsenal

Today is the kickoff date for the annual March of Dimes.

This year the National Foundation for Infantile Paralysis has adopted the slogan "Polio I n't Licked Yet."

Co-chairmen for the arsenal campaign this year are Lt. Col. James C. Herring and James Cleary.

Representatives for the arsenal divisions and units will be named later.

Col. Herring quoted a veteran soldier who said, "The only time I have known the fear of defeat was at the moment that comes in every battle when victory looks too easy."

"It's the same in the fight with polio," the colonel said. "Now that the Salk vaccine has proved to be effective as a preventative in most cases, the tendency is to relax. In truth, however, the battle for rehabilitation of victims already suffering the ravages of polio is being waged just as strongly as the fight to prevent it."

"Research has proved that some muscles can be grafted to give the victims use of arms and legs in which the muscles have shriveled.

"Physical therapists are much needed to help the patients learn to use the new muscles and rebuild wasted ones.

"And researchers are working to make a vaccine that is fool proof. These are just some of the aspects of the program the March of Dimes helps support," Col. Herring said.

Cleary joined with Col. Herring in stating that they would work to make this drive one of the most successful ever staged at the arsenal.

Col. Herring is a deputy chief in the Industrial Division and Cleary is a legal advisor.



**HAPPY NEW YEAR!**—This week's Rocket Pin-up ushers in brand - spankin' - new 1956 with a happy greeting. She's Jean Hammons, who lives in Athens and works as an exam clerk in the SAM Branch of OGMS. Yes, Miss Hammons is wearing a strapless bathing suit in addition to the "Happy New Year" placard. (Photo by Carl Pickens.)

have high school experience while both Massey and Kramer have been in college competition; Massey with Texas Tech and Kramer with the University of Dayton.

## RSA '55 Payroll \$40 Million

### RSA Building Amounts To \$30 Million in '55

New construction at Redstone Arsenal in progress at the beginning of, or started during the year of 1955, amounted to \$30,770,000.

Of this amount, approximately \$5,210,000 was by Ordnance contracts. The remainder was by Corps of Engineers contracts. Of the \$5,210,000, approximately \$910,000 was supervised and inspected by the Post Engineer and \$4,300,000 was for equipment to be installed in Corps of Engineers constructed facilities.

The work supervised by the Post Engineer included major items of additions and modifications to existing facilities. In these categories, contracts in the amount of \$497,100 were begun in 1955. Contracts totalling \$652,100 were completed in 1955.

The \$4,300,000 of equipment contracts were in progress at the beginning of the year and are not yet completed.

The Corps of Engineers' contracts were let by the Mobile District Engineer and at the beginning of the year totalled approximately \$21,000,000. Approximately \$4,560,000 were started during 1955. Of the work in progress or started approximately \$7,500,000 were

completed during the year.

Of these, facilities in the Ordnance Guided Missile School area totalled \$4,156,539 either in progress or started during the year. \$3,831,500 were completed. These included classroom, laboratory, shop buildings, barracks, messes, administration and other buildings.

Work on the rocket ranges totalling \$1,093,000 were completed during the year.

Included in the construction under way at the beginning of 1955 was a Research and Development Engineering Building which will be three stories high with three wings and about 200,000 square feet of floor space when completed.

A Post Theater with stage and 336 seats was started in 1955. Also, an Enlisted Men's Service Club with air conditioning was started. These two projects are located in the area known as the Community Center.

Facilities for on-post contractor operation totalled approximately \$1,799,850 either in progress or started during 1955. Approximately \$1,315,850 were completed.

## SECRETARY WILSON SAYS

### Redstone Big Factor In Missiles Step-up

Defense Secretary Charles E. Wilson said recently that progress on the Redstone missile has been a big factor in a decision to step up the missile development program, by 1/3 in the next year. He said improvement on the Redstone is looked on as a "technological breakthrough" that must be exploited.

Wilson said there will be some payroll expansion at Redstone but not to the "radical extent" that some news stories have indicated.

The Defense Secretary called the assignment of Maj. Gen. J. B. Medaris to Redstone Arsenal "an important" step in the revised defense program that will put more stress on guided missiles.

He warned, however, that there should not be "over emphasis" on the step-up in guided missiles. The missiles are a major weapon, he said, but he stressed that mis-

siles are only a part of our defense weapons system. The one-third step-up in funds for guided missiles will put the total for the program well over the one-billion dollar mark in the next fiscal year.

The Redstone was developed at Redstone Arsenal under direction of Dr. Werner von Braun, one-time German V-2 rocket scientist, and is a so-called medium range missile for use by the Navy as well as the Army. Medaris will direct the operational phases of the Redstone missile development.

## Rocket Deadline

Deadline for Rocket copy is 2:30 each Thursday.

All articles and pictures must be in the Public Information Office (Bldg A-101) by that time in order to appear in the following issue of The Rocket.

## Corder Promoted

First Lieutenant Ronald Gene Corder was recently promoted to his present grade during a ceremony performed in the office of Colonel H. S. Newhall, Commandant of the Ordnance Guided Missile School.

Lt. Corder is a graduate of A&M College, College Station, Texas. He entered service in June 1954 and was assigned to the school in August 1954. At present, he is Assistant Branch Chief, Material Training Section of the Unit Training Command.

Lt. and Mrs. Corder, the former Mary Cameron of Huntsville, reside at 1414 McCullough Avenue, Huntsville.

## YEAR-END FIGURES GIVEN ON RSA CREDIT UNION LOANS, DEPOSITS

When the old year ended, Lawrence Craig, treasurer of the Redstone Arsenal Credit Union, dug up some facts and figures:

In 1955, the Redstone Arsenal Credit Union loaned \$722,616, a total of 1,928 loans.

At the year's end, outstanding loans totaled 1,829 with a money value of \$546,070. This is an increase of \$233,163 over 1954 at the same time.

Deposits by shareholders have also increased. They now stand at \$520,726, an increase of \$251,469 over the same period in 1954.

## \$6 MILLION MORE THAN '54

Redstone Arsenal's total payroll for the past year amounted to almost \$40,000,000—approximately \$6,000,000 more than the figure for the previous year.

Total gross pay to all personnel in 1955 came to \$39,960,114, according to a compilation made by the Arsenal's Public Information Office. This includes pay to civil service employes, principal contractor employes, and military personnel. The total for 1954 was \$33,879,044.

The largest portion of Redstone's payroll went to the almost 6,000 civil service employes who work at this Army Ordnance Guided Missile and Rocket Development Center — \$29,200,000. This compares to \$24,900,000 in 1954. Part of this increase was due to a seven per cent hike in civil service personnel's salaries which went into effect during the year. Payroll Section officials pointed out.

The second largest chunk of the payroll budget—\$5,880,000—went to Arsenal military personnel, numbering over 1,500. The 1954 military payroll was \$4,900,000.

Payrolls during 1955 for the Arsenal's two principal contractors, Thiokol and Rohm & Haas Corporations, were \$3,760,000 and \$1,120,114, respectively. Their payrolls in 1954 were \$3,009,000 and \$1,070,044, respectively.

Total number of civil service employes on the Arsenal at the end of 1955 was 5,930, compared to 5,851 at the same time a year ago.

## ORDNANCE CORPS GROUP SETS MEET

The Ninth Regular Meeting of the Ordnance Corps Shaped Charge Research and Development Steering and Coordinating Committee will be held Jan. 10 and 11 in the auditorium of Bldg. A-120.

The classification of the conference is "Secret" and all Arsenal personnel with a "need-to-know" are invited.

Persons planning to attend should contact E. B. Harwell, Design Branch, Rocket Development Division, Ordnance Missile Labs, at RSA extension 2442.

## Formation of RSA Flying Club Eyed

Considerable interest has been expressed in various Arsenal segments concerning the formation of a flying club to provide flight experience and training for its members. Possible purchase of power aircraft and/or sailplanes for soaring flights would be one objective of the group. Any person interested in forming or participating in such a group is invited to contact F. G. Saurma, ext. 2911 or Capt. B. T. Strain, ext. 3825, giving name, interest, and experience. People qualified as instructors, A&E, mechanics, or with other applicable experience are especially needed, although membership would be open to all interested people.



**OUTSTANDING EFFICIENCY RATE**—Marshall W. Towery, World War II and Korean veteran now working in the Redstone Depot as a forklift operator, was awarded an outstanding efficiency rating for his performance over the past two and one-half years. With him are L. Col. T. H. Ebbert, chief of the depot, Towery and Tracy Hill, supervisor of the forklift operators. In part the letter of commendation Towery received reads, "Your devotion to duty and spirit of cooperation have been such as to materially assist in maintaining forklift trucks in excellent operating condition and in the training of new employes. Such a performance is highly commendable and an inspiration to other arsenal personnel." (Photo by Carl Pickens)

# The Redstone Rocket

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

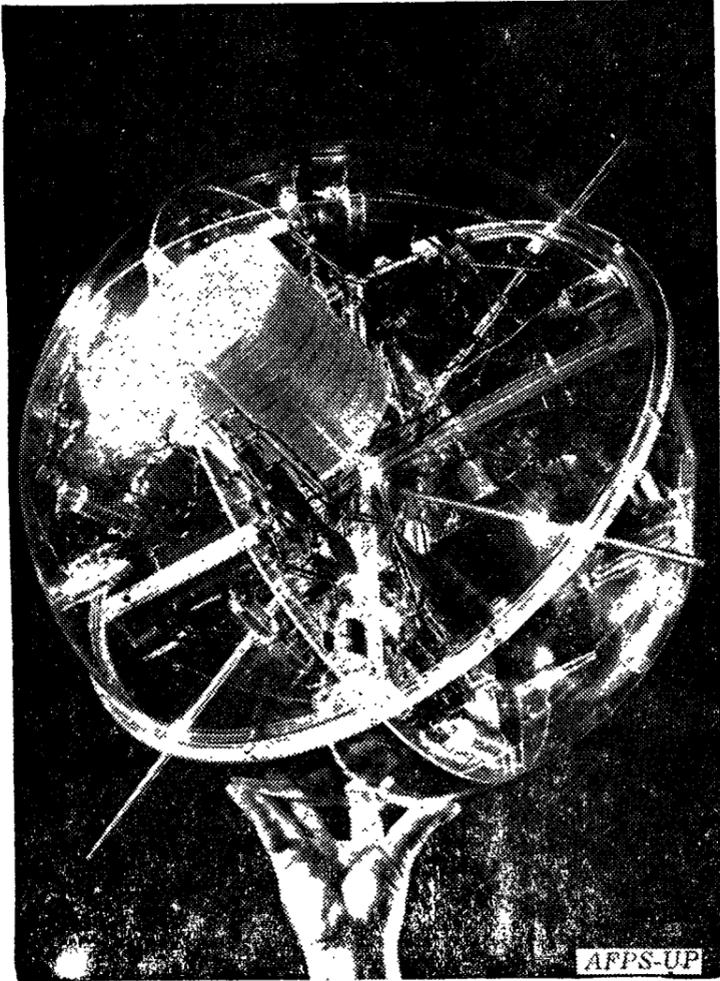
The Rocket is NOT an official or semi-official Army or Ordnance Corps publication. Policies and statements reflected in the news and editorial columns represent the views of the individual writers and under no circumstances are they to be construed as those of the Department of the Army.

All editorial material for publication must be submitted to the Public Information Section, Bldg. A-101, Tel. 2212 or 2704.

All advertising and ad payments are handled by Mrs. Zillah Newsome, 308 E. Holmes, Huntsville, Ala., Tel. JE-4-4701, as representative for Jack W. Hoffhaus. Appearance of advertisements of products or services in The Rocket does not constitute an endorsement by the Department of the Army.

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

## Satellite Will Look Like This?



The first model of a man-made earth satellite recently was placed on exhibition at New York City's Hayden Planetarium. The model is 18 inches in diameter and weighs 25 pounds. It has standard subminiature electronic parts and is encased in a transparent plastic sphere. The model was designed and built under auspices of a science magazine. The first actual satellite to circle the earth is scheduled to be launched in 1957. The armed forces are playing major roles in the project.

### Krsnak Promoted

First Lieutenant Henry G. Krsnak was recently promoted to his present rank of first lieutenant in a ceremony performed in the office of Colonel H. S. Newhall, Commandant of the Ordnance Guided Missile School.

Lt. Krsnak is a graduate of the University of Cincinnati. He is

### Curry Promoted

First Lieutenant Robert C. Curry was recently promoted to his present rank during a ceremony in the office of Colonel H. S. Newhall, Commandant of the Ordnance Guided Missile School.

Lt. Curry is a graduate of the University of Cincinnati. He entered service in June, 1954, and was assigned to the school in September, 1954. At present, he is Chief, Planning Branch of the Operations Division of the School.

Lt. and Mrs. Curry reside during his present tour of duty at 211 Edgcrest Drive, Huntsville.

Of the 300,000 civilians who serve the Army in foreign countries, less than 14,000 are American citizens. The remainder are natives of the area in which they work.

Assistant Chief Mechanical Unit of the SSM Division of the school. Lt. and Mrs. Krsnak and children, Kathleen and Donald, reside at 502 College Hill, Huntsville.

## THE POST LIBRARY

BY ANNA L. FARRAR  
Librarian

These new books have been added to the Post Library collection recently:

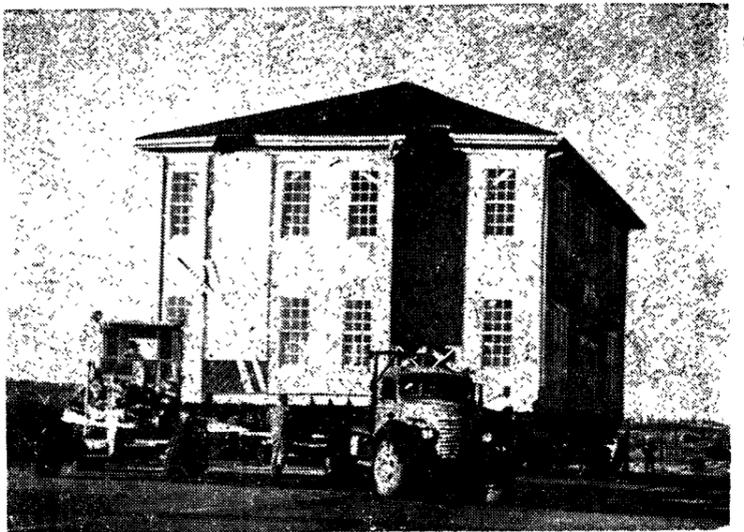
- Shalom Asch, "The Prophet."
- Bert Bachrach, "Right Dress."
- Ray Bradbury, "October Country."
- Evan Brandon, "Green Pond."
- Katherine Eyre, "Lute and the Glove"
- Field and Stream (Periodical), "Field & Stream Treasury . . ."
- Clay Fisher, "Big Pasture . . ."
- Andrew Geer, "Reckless: Pride of the Marines."
- Frank Harvey, "Jet."
- MacKinlay Kantor, "Andersonville."
- Lawrence Lariar, "You've Got Me—and How!"
- Jonathan Latimer, "Sinners and Shrouds."
- Norah Lofts, "Winter Harvest."
- Clarence Lovejoy, "Lovejoy's Vocational School Guide."
- William Lundgren, "Across the High Frontier; the Story of a Test Pilot—Charles E. Yeager."
- Ward Millar, "Valley of the Shadow."
- Nicholas Monsarrat, "Castle Garcia."
- Dave Morrah, "Heinrich Schibbole, and Even More Tales Mein Grossfader Told."
- Norman Peale, "Inspiring Messages for Daily Living."
- Charles Preston, "Power of Negative Thinking."
- Gordon Seagrave, "My Hospital in the Hills."
- Max Shulman, "Max Shulman's Guided Tour of Campus Humor."
- Rex Stout, ". . . Before Midnight."
- Harry S. Truman, President, U. S., "Memoirs, Vol 1"
- Jim Beard, "The Casserole Cookbook."
- Katherine Best, "Las Vegas, Playtown, U.S.A."
- Whitney Bolton, "The Silver Spade; the Conrad Hilton Story."
- Jacob Braude, "Speaker's Encyclopedia of Stories, Quotations, and Anecdotes."
- Charles Carrington, "The Life of Rudyard Kipling."
- Mary Ellen Chase, "Life and Language in the Old Testament."
- "Christmas; An American Annual of Christmas Literature and Art."
- Arthur Collani, "Build Your Own Modern Furniture."
- George Crile, "Cancer and Common Sense."
- Hassoldt Davis, "Sorcerers' Village."
- Katherine Dunlap, "Twice the New Moon."
- John Fitzgerald, "Papa Married a Mormon."
- James Foster, "Great Folktales of Wit and Humor."
- Rumer Gooden, "An Episode of Sparrows."
- William Golding, "Lord of the Flies."
- William Graham, "The Secret of Happiness! Jesus' Teaching on Happiness as Expressed in the Beatitudes."
- Oscar Handlin, "Chance or Destiny; Turning Points in American History."
- Cameron Hawley, "Cash McCall."
- David Howarth, "We Die Alone."
- Agnes Keith, "Bare Feet in the Palace."
- Pierre La Mure, "Beyond Desire."
- Walter Lord, "A Night to Remember."
- N. Y. Academy of Medicine, "Better Health Through Better Living."
- Fred Schwed, "Where Are the Customers' Yachts?"
- Samuel Shellsbarger, "The Token."
- Edmund Smith, "The One-Eyed Poacher and the Maine Woods."
- Agnes Turnbull, "The Golden Journey."
- Immanuel Velikovsky, "Earth in Upheaval."
- Mildred (Babe) Zaharias, "The Life I've Led."

### PERSONALS

Mr. and Mrs. Henry J. Massini announce the birth of their son, Gregg Stanton, who was born December 14 in Sheffield, Mass. He weighed 8 lbs., 2 ozs.

Mr. and Mrs. Johnny King announce the birth of their 6 lb., 14½ oz. daughter, Susan Lynn, on Sunday, Dec. 18. Mrs. King is employed in the Field Service Division and Mr. King is employed in the Industrial Division.

Wherever they are stationed, all servicemen are compelled to complete their education through the fourth grade. All Army basic training camps have Transitional Training units for this purpose.



'WHEEL HOUSE' ROLLS DOWN ROAD

## 100-YEAR-OLD FARM HOME MOVES 11½ MILES, NOW 'WHEEL HOUSE'

A two-story farm home built over 100 years ago was moved 11½ miles across Redstone Arsenal recently to become the post's new "wheel house."

The "wheel house" — aptly tagged by humorously-inclined Arsenal GI's—will be used as quarters for VIP's on official visits to Redstone.

The sturdy old structure, termed still in excellent condition by Post Engineers, was owned by M. G. Chaney at the time of its acquisition (together with 675 surrounding acres of land) by the U. S. Government in 1941, and is still commonly known as the Chaney House.

The building was moved by a Nashville contractor from its original location about one-quarter mile west of the Arsenal's Ride-out Road and one-half mile south of the Southern Railway tracks near Elke Switch to its new site close to Post Headquarters.

First governmental use of the Chaney house back in 1941 was by Arsenal contractors to store electrical supplies. In 1942, it was almost completely rehabilitated and served as quarters for Arsenal personnel until three years ago. Then it was closed, due to its remoteness and the difficulty of supplying water there.

Renovated to accommodate six

to eight official visitors, the new "wheel house" is scheduled to "open for business" on Feb. 1. "We couldn't have had equal quarters built within the time limit," a Post Engineer spokesman stated.

The mammoth moving job—the house weighs 100 tons—was accomplished in slightly less than two working days.

And it went off so smoothly, Post Engineers swear they found two coke bottles and a paper cup still resting unjolted on a second story window ledge.

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**'SANTA'S HELPERS' FROM INDUSTRIAL DIVISION**—Some of the approximately 500 employes of Industrial Division who "adopted" 20 needy Madison County families at Christmas time get ready to begin delivery of the huge quantity of used toys and clothes and staple groceries which Division personnel contributed along with several hundred dollars in cash. A committee under the direction

of Mrs. Louise Steakley handled the collection and distribution job. Employes took annual leave and used their own automobiles to deliver the Christmas boxes. Names of the indigent families were furnished by the county Welfare Office. Industrial Division began its Christmas "adoption" of needy families last year and employes plan to make it an annual event.

## Wives Club Plans Las Vegas Night

Committee chairmen for the "S. S. Las Vegas" planned by the Officers Wives Club for Feb. 4 have been announced by Mrs. T. H. Ebbert, chairman of special projects for the Wives Club.

Col. and Mrs. Merlin DeGuire are in charge of games. Decorations will be under the direction of Lt. Cmdr. and Mrs. J. B. Walker.

The food committee will be headed by Capt. and Mrs. William Trotter. Maj. and Mrs. Robert F. Shannon are in charge of property.

Mrs. Otto P. Kohler and Mrs. Robert Winter will take care of publicity.

Mrs. Marvin D. Parker and a committee which will be named soon will handle reservations and ticket sales.

Funds from the project will be used for all Army children on the arsenal including the Boy Scouts, Girl Scouts, Brownies, Cubs and the Post Nursery.

## Emmerich Promoted

First Lieutenant Kenneth M. Emmerich was recently promoted to his present rank during a ceremony performed in the office of Colonel H. S. Newhall, Commandant of the Ordnance Guided Missile School.

Lt. Emmerich is a graduate of the University of Cincinnati. He entered service in June, 1954, and was assigned to the school in December, 1954.

At present he is Project Officer, Planning Branch, of the Operations Division of the school.

# SOIREE

## Use of Cosmetics To Be Demonstrated

Mrs. Richard Laughmiller will give a cosmetics demonstration at the January luncheon of the Officers Wives Club at the Officers Open Mess on Jan. 10, at 12:30 p. m.

Arrangements for the meeting are being made by the wives of Ordnance Guided Missile School officers. Mrs. Henry S. Newhall is chairman.

Reservations may be made until noon on Monday, Jan. 9 with Mrs. Robert F. Shannon, phone Jefferson 2-8192; Mrs. Louis Rachmeler, Jefferson 2-5856; or Mrs. Rudolph A. Axelson, Jefferson 6-2818.

are touring and she will offer tips to mothers of small children on how to keep them busy and neat as well as how a career girl can make the most of a holiday tour.

The first Inspector General of the Army was a German, Baron Frederick W. A. von Steuben, appointed by General George Washington on May 5, 1788, with Congressional approval.

THE REDSTONE ROCKET

JANUARY 3, 1956

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## Miss Brown Becomes Bride on Christmas

In a 5 p.m. candlelight ceremony at the home of Mr. and Mrs. H. A. Brown of Douglas, Ala., their daughter, Miss Bonnie Faye Brown, became the bride of Joe Bob Maddox on Christmas Day.

Mr. Maddox, son of Mrs. Ethel Maddox, has been residing with his grandparents, Mr. and Mrs. E. J. Thrasher, Sardis, Ala.

Rev. Faron Johnston of Douglas officiated at the double-ring ceremony. Miss Brown chose Miss Sue Powell of Arab as her attendant. H. A. Brown, Jr., served as Mr. Maddox's best man.

For her wedding, the bride chose a ballerina-length white lace dress with scalloped neckline. She wore a lace cap, trimmed in seed pearls.

Miss Lowayne Fleming was vocalist for the ceremony.

The couple spent their honeymoon in Orlando, Fla., and will reside at Hartselle on their return.

Mrs. Maddox is employed in the mechanical section of the Industrial Division at the arsenal.

Mr. Maddox teaches vocational agriculture at Speake High School in Lawrence County.

## Travel Expert Tells About Auto Trips

Miss Carol Lane will tell the Officers Wives Club about some of her experiences travelling by automobile in her job as travel director for the Shell Oil Company.

She will speak at lunch at the Russel Erskine Hotel at noon tomorrow.

A part of Miss Lane's job is to find ways to make travel easier for America's families when they

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## WHAT DID J. P. SAY AT LAST WEEK'S MEETING?

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## UNIVERSITY OF ALABAMA, HUNTSVILLE CENTER

SCHEDULE FOR WINTER QUARTER, 1956

January 2 — March 15

### CLASSES MEETING ON MONDAY AND WEDNESDAY

	PREREQUISITE	HRS.
<b>FIRST PERIOD — Monday and Wednesday</b>		
Astronomy 1 - Introduction to Astronomy (6:30-8:00)	None	2
Drawing 31 - Engineering Drawing I, (6:00-10:00)	None	2
Drawing 32 - Engineering Drawing II, (6:00-10:00)	Drawing 31	2
English 2 - English Composition	English 1	3
History 21 - History of U. S. to 1860	None	3
Mathematics 01 - Elementary Algebra	None	NC
Mathematics 11 - Algebra	None	3
Mathematics 49a - Differential & Integral Calculus	Mathematics 25	3
M. E. 51 - Thermodynamics	Mathematics 51, Physics	6
		3
M. T. E. 91 - Engineering Metallurgy	Chemistry 2, Physics 5	3
Sociology 1 - Introduction to Sociology and Anthropology	None	3
Speech 20a - Professional Public Speaking (6:00-8:00 Mondays only)	Perm. of Instr.	1½

### SECOND PERIOD — Monday and Wednesday

English 10 - American Literature	English 9	3
History 2 - History of Western Civilization	None	3
Mathematics 15 - Trigonometry	Mathematics 11	3
Political Science 15 - International Politics	Pol. Sc. 1	3
Speech 2 - Basic Speech	Speech 1	3
Ch. E. 12a - Chemical Process Calculations, Part I	Chemistry 2	3

### CLASSES MEETING ON TUESDAY AND THURSDAY

#### FIRST PERIOD — Tuesday and Thursday

Accounting 2 - Principles of Accounting	Accounting 1	3
Art 11a & b, 12a & b - Drawing I and II (Tues. only - 6:00-10:00)	None	1½
Art 37a & b, 38a & b - Elem. Ceramics, (Thurs. only - 6:00-10:00)	None	1½
Economics 11 - Principles of Economics	None	3
E. E. 5b - D. C. Circuits	E. E. 5a	2
German 2 - Elementary German	German 1	3
GES 12 - Engineering Preview	Mathematics 11	2
Mathematics 25 - Analytic Geometry		
Physics 6c - Technical Physics (Laboratory Wednesday, 6:00-8:00)	Mathematics 15	3

#### SECOND PERIOD — Tuesday and Thursday

Accounting 1 - Principles of Accounting	None	3
English 1 - English Composition	None	3
GES 23 - Engineering Materials	GES 11 or Chemistry 1	2
Mathematics 49b - Differential & Integral Calculus	Mathematics 49a	2
Chemistry 1 - General Chemistry (Laboratory Friday 6:00-10:00)	None	4
Political Science 1 - Principles of American Government	None	3

Any classes not enrolling sufficient number of students will be cancelled.



**'PERCY' FINDS A PAL** — A "full-blooded alley cat" named "Percy" accepts his daily dish of milk and canned cat food from his friend and benefactor, O. B. Schlotterbeck of the Ordnance Missile Laboratories Photo Lab. Fat and sassy now, "Percy" was only a small, lost, and hungry kitten meowing in a gutter near Bldg. W-441 when he was "adopted" by Mr. Schlotterbeck about a year ago. Now "Percy" lives comfortably under the building, where he gets fed every working day. (Photo by Tex McCrary)

**REDSTONE DEPOT**  
By OLIVUS

Has Christmas really come and gone? From the weather standpoint one would have thought it was six months away, but after returning to the office and seeing all the new things, Santa must

have been around. But now we must put all this behind us and concentrate on the current project—end of the month reports. Some contrast! Oh, well, that's the way it goes.

A moment of retrospection at the year's end and we are pleased with the overall picture. Our shipments and receipts greatly exceeded estimates — utilization of equipment and manpower has improved — exceptionally large shipments were completed without resorting to overtime work—support and cooperation from Service and Staff agencies added materially to increased efficiency. On the credit side could be listed the serious illness of several employes, the transfer of "Bill" Cosden to France, the impending transfer of John McCutcheon to Germany, and the transfer of Lt. Col. Ebbert to Newfoundland within a few days.

Those taking trips over Christmas included Annette Sturgill to Virginia; Frances Harris to West Virginia, Gertrude Conard to Kentucky, H. W. VanderVeen to Pennsylvania, and John Russell to the Gator Bowl. "Bill" Crump was pleased to travel back to Redstone and Huntsville after spending several weeks in school at Rock Island.

Charles C. Williams, although still in bed, is at home and reports are that his progress is satisfactory. It will be several weeks, however, before he will be back at work.

We are glad to have Claude C. Jones back at work after returning from the Veterans' Hospital

**'Look Back Before You Back,' Army Warns Its Drivers**

WASHINGTON — If soldier-drivers had eyes in the back of their heads, the U. S. Army Ordnance Corps would have fewer vehicle accidents to report.

Ordnance Corps analysts in such matters report that in the first six months of 1955, 36 percent of all accidents involving the Corps' vehicles occurred when the driver was backing. The percentage represents 135 accidents in a total of 370 during the period.

This comes as no surprise to the Ordnance experts; in recent years, the percentage of backing accidents has been running about the same—roughly, 30 percent of the total.

Indeed, could this type of accident be eliminated, the Ordnance Corps' accident rate—for all the thousands of trucks, tractor-trailers, semi-trailers, busses and sedans operated—would be negligible.

Compared with the 1954 Army-wide accident rate in the continental United States of 19 accidents per 100,000 miles, Ordnance Corps vehicles figured in 0.8 accidents in the same mileage period. Injury-wise, Ordnance vehicles did even better: 2.3 injuries per 1,000,000 (M) passenger-miles as opposed to the Army-wide figure of 7.4.

Reverse or forward gear, however, according to the Ordnance Field Safety Office, the number one contributing factor in Ordnance vehicle accidents — as everywhere—is inattention. Sixty-seven percent of the 1955 accidents are attributed to that factor.

Obscured vision accounted for 11 percent of the accidents, while obscured vision accounted for 11 percent of the accidents, while

conditions of the roadway, poor light and weather helped run up the total.

The most common unsafe act leading up to the accidents was that 57 percent of the drivers misjudged their clearance. This is understandable as the majority of the vehicles involved were trucks. Forty-two percent of the accidents resulted in collision with another vehicle; almost 35 percent of the vehicles came into contact with that well-known "fixed object" of safety report terminology.

However, for all this, Ordnance Corps vehicle accidents in the first six months of 1955 resulted in only \$4,088.96 damage with \$30.28 the average damage-cost per accident. There was only one person injured during the period.

The corps figures its drivers are doing pretty well—if they'd only "look before you back," as the current Army safety slogan has it.

in Birmingham.

We of the General Supply Branch are happy to have Mrs. Ruby Russell back with us after weeks of maternity leave. She reports that Jr. is doing fine and from the looks of Ruby, she is also. She has recaptured her school-girl figure.

Redstone Depot entertained Lt. Col. and Mrs. T. H. Ebbert, and Mr. and Mrs. Bill Cosden, who are leaving soon for overseas assignments, at a local restaurant the night of the 17th of December. The dinner was a gala occasion for the 30 well-wishers who attended. The room was decorated with green and gold and was lighted with festive colored candles. Party favors were miniature sleighs filled with candy and nuts.

Remember a few weeks ago when we stated in this column that we wondered why OCO did not require a report of dollar value of supplies in storage. Well, that report has now been called for and in dollar value per cubic foot occupied, which, of course, wasn't hard to furnish with all available information.

Marshall W. Towery, a forklift operator in the General Supply Branch, received quite a surprise for Christmas. He was called in from work by Colonel Ebbert, the Depot Chief, to receive a certificate of outstanding performance for the past year. The certificate was presented in the presence of his co-workers and friends of the Ammunition Branch. Mr. Towery stated that a vote of confidence such as this from his supervisors was the nicest Christmas present that he could receive. Mr. Holmes of the Incentive Awards Committee has our wholehearted thanks for his efforts in having the certificate approved and presented to Mr. Towery prior to the Christmas holidays.

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FORMER REDSTONE OFFICER VISITS—Col. Frank Austin (extreme left), former Redstone Arsenal officer now with the Ordnance Corps in Washington, D. C., chats with a group of his former Arsenal associates including (left to right) John Womble, deputy chief, Rocket Development Lab.; Lt. Col. Oliver M. Hirsch, Arsenal executive officer; and Tom Thrasher, ex-executive officer now in business in Huntsville. Col. and Mrs. Austin, just back from three years in Germany, visited last week with the Thrashers at 203 W. Moreland. While at Redstone for several years prior to his departure in 1952, Col. Austin served as chief of the Rocket Development Lab and also as a project officer with Thiokol Corp.

**ARMY'S LEGAL ASSISTANCE OFFICES DO BIG BUSINESS IN SMALL MATTERS; SERVE 158,459 IN SIX MONTHS**

WASHINGTON — Do you have a will? Does your wife, husband, or parent have your power of attorney? Can you be sure that your contract provides what you think it does?

These small legal safeguards, so often neglected by the average person, are provided Army personnel by the Legal Assistance Office, a service of almost every post, camp, or station in the United States and overseas.

The Army Legal Assistance program was created in 1943 in the interest of soldier morale: the "worried" soldier — and a man with legal problems, however petty, is a worried soldier—is of little value to the military effort.

How important the program has become is evidenced by the fact that in the first six months of 1955 legal assistance officers made a total of 158,459 client contacts with servicemen.

Colonel Charles M. Munnecke of Lindstrom, Minn., Chief of Army Legal Assistance Division, says, "We feel we have a very beneficial service for the service-

man in connection with his personal legal affairs. The volume of wills and powers of attorney is particularly heavy. In this respect, probably the serviceman is more current in his personal legal affairs than the average citizen."

A power of attorney is the method whereby a serviceman gives authority to his wife and family to conduct business matters in his absence. This is essential because he can anticipate long periods when he will be out of the country and unable to take care of his affairs himself.

Interpretation of the provisions of contracts is another big item on the office agenda. Some soldiers are the victims of unscrupulous business men who tie them to binding contracts which would be disastrous financially; others find after an explanation that the contract provisions do not reflect their understanding of the agreement. However, through the efforts of the legal assistance officer unethical practices are uncovered and corrected, or the provisions of the contract are modified. Another big problem handled

by the legal assistance is counselling the family of a deceased soldier. Many problems arise—financial, estate, survivors benefits—the legal assistance officer informs the surviving members of the family of their rights, aids them in securing money for financial obligations, assists in establishing death benefits or handles any other problems that might arise.

In the field of citizenship, the Army legal officer has been busy with the various units participating in "Operation Gyroscope." This is the new Army method of transferring whole units and their families to replace overseas units. As a result, many of the personnel of these units who married foreign nationals must expedite the citizenship of their spouses if they intend taking their families along.

Marriage and divorce are fields in which the legal assistance officers primarily advise the prospective bride and groom what legal obstacles must be ironed out if they are marrying foreign nationals, and the legal restriction of the various states. When a divorce is mentioned, the client is advised if there are any legal grounds for such action, and discusses questions relative to support of the children.

One such case came to light when a young Wac voiced her desire for a quick divorce. "When were you married?" was the question asked. "Saturday," came the quick reply. "What Saturday?" "Last Saturday"—just three days previous. The young lady was ad-

**Fightin' Irishman Is 27-Year-Old Vet Of 1 War, 2 Armies**

FORD ORD, Calif. — An Irishman who fought in World War II as a 14-year-old British "Red Devil" has embarked on a new military career—this time with the United States Army.

Private John T. Gay, who is stationed here, was born in Dublin, Ireland, in 1928.

Anxious to join the Allied Forces, the 14-year-old would-be soldier couldn't enlist in Eire in 1942 as the Republic of Ireland remained neutral. So Gay went to Belfast to volunteer as Northern Ireland was part of the British Empire.

As a volunteer parachutist, he trained at Gorraie Wood, near Belfast, with the Royal Ulster Rifles, Sixth Airborne Division—the Red Devils—and from that unit

made eleven combat jumps. At Arnheim, Holland, in September, 1943, when the Red Devils cooperated with the United States' 82nd Airborne Division.

Two months after he was discharged, in May, 1946, Gay left for the United States to live with his sister in (1410 La Vista Rd., N.E.) Atlanta, Ga. Still of eligible age, he was drafted into the Army last September.

Gay is earning more money as a soldier these days—\$78 a month compared to the \$13 he received with the Red Devils as a First Class Private. Even more important to him he can look forward to American citizenship which, he says, is "all I want to make me happy now."

**LETTER FROM BISHOP**

"Words cannot express the feeling which one has at seeing such great scientific progress which the Army has made in your particular field."

The above is excerpted from a letter to Col. George Lovings, assistant Arsenal commander, from the Most Reverend Joseph A. Durick, D. D., auxiliary bishop, Diocese of Mobile-Birmingham, following his recent tour of Redstone.

vised that she probably had no grounds for divorce, and was then given some fatherly advice about her marriage, with the suggestion that she give it a fair trial.

The April 15th income tax "deadline" causes a flurry in the legal office. The serviceman can get aid in filling out his tax return and the legal assistance officer, when possible, adds to its staff a representative of a nearby internal revenue office for the season.

A serviceman is contemplating the purchase of a home. What is he entitled to by way of financing through FHA or VA? What are "settlement costs?" Is the contract purchase offered correct? What items of purchase and operation are deductions for income tax purposes? The legal assistance officer is in a position to answer these and many other questions relative to the real estate transaction.

Lawyer referral is another service. If the soldier becomes involved in civil court action the legal assistance officer will put him in touch with a civilian lawyer who will handle his case. The Legal Aid (civilian) helps the serviceman unable to afford a lawyer; they have a roster of the local Bar Association members who will handle cases without charge. If a lawyer is needed on a fee basis, the local Bar Association, through its referral system, will nominate a lawyer to handle the matter for the serviceman. In either event, the legal problem is handled by a lawyer familiar with local jurisprudence.

Some of the services handled by the legal assistance officer can not be defined. As Munnecke says, "We are called upon to listen to clients unburden themselves. At times we furnish a shoulder to cry on—sometimes a big one. Many times we need the patience of Job."

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**ATTEND FIRST LEADERSHIP INSTITUTE**—The group shown above last week attended the first of a series of Conference Leadership Institutes conducted by the Training Branch, Civilian Personnel Office. Plans have been made to offer the five-day institutes once each month through 1956. To date, approximately 200 supervisors at all levels have been nominated to attend. Left to right in front row above, are G. S. Moshkoff, Research and Development Division; E. K. Charlton, Mission Planning and Coordination Office; J. F. Neely, Industrial Division; J. Zarovsky, R&D; A. J. Zazzi, Industrial; F. D. Thompson, Industrial; J. J. Flanagan, Training Branch, Civilian Personnel Office; Back row, left to right: Jim Pride, Tr. Br., CPO; T. A. Childress, Field Service Division; W. J. Millsap, R&D; H. G. Paul, Guided Missile Development Division; E. A. Hellebrand, GMDD; W. J. Karrh, GMDD; Capt. R. T. Ash, Industrial; L. F. Adams, Employee Utilization, CPO; Messrs. Flanagan, Pride, and Adams served as institute leaders.

**FABRICATION LABORATORY**

BY CAROLYN E. NOLTE

Well, all of the Christmas and New Years celebrations are over. Everyone is slowly straggling back to work. Lots of them went out of town—from one end of the United States to the other. Staying in the home state were Willie Faulkner and Winnie who traveled to Troy, while Ed and Nell Mintz traveled to Tuscaloosa and Anniston. Warren Smith and his wife went to see his mother in Mobile. Johnny Garrard and family traveled to Gadsden to visit both their folks. Staying home and goofing off were Fann and David Couch, the Gene Davis', and Johnny Georges' — although

Johnny did get enough energy up to go hunting. Tom Barksdale stayed here driving his new Hawk around, which really is a honey from all I hear.

Doyle Eastep spent Christmas entertaining his ten brothers and sisters and their children. We don't know where he put them all. Jimmy Marchant (who loves to be different, I guess) spent his holidays working. Not in the home state, but staying in the South were Charles Hilde and family, who went to North Carolina and Norfolk, Va., to visit family and friends. The William Wilsons spent the holidays in Asheville, N. C., and moved into a new house on return. Several traveled to Florida; those being Bob Cox, C. W. Moffett, who, with his spouse went to New Smyrna Beach. Johnny Argo just returned from Florida before Christmas and they are hoping Clark will make it back.

We had quite a few going to the GREAT STATE OF TEXAS, those being, George Kelm, who visited in El Paso; Joe Broome, who used his trip to try out a new car, Tommy Blaise, Jr., who visited his brother in San Angelo, (he also stopped in California); the Bennights (J. D., Charlene, Jimmy, Winnette and Gay) visited both their families in Houston; Amiel Lewallen who visited relatives in Brady, Tex. and of course yours truly, visiting in Denison and trying out a new auto.

Spending Christmas in "Yank-eeland" were Tom Sandercock and wife, who went to Reading, Penn., to visit parents; Amos R. Christner and wife spent their holiday in Indiana; and the Walt Matters who spent theirs with their daughter, son-in-law, and grandchildren in Detroit. Mace White and family visited his mother in Flint, Michigan.

A fine time was had by all at the Missile Wiring Shop's Christmas party. It was held at Steve Little's—and so I hear they had lots of goodies, including turkey

and ham. Special guests were C. W. Moffett from Inspection, and Mr. and Mrs. Bruno Helm.

Incidentally, anyone interested in a haircut, see Steve Little and Steve Hicks. It seems that Hicks gave Little a haircut — and you should see it!

Retraction: The Christmas party mentioned in the last Fab Lab article was not for Fab Lab, but only for the people in 412.

We were awfully sorry to hear that Rich Richardson lost his father recently. Virgil Rains' father passed away two weeks ago, and Bill Simpson's mother died recently, too. John Stroud also lost his grandfather. Our sincere sympathy to all of them.

We're glad to see Bud Campbell back from the hospital. About the time he got back Jimmy Malone got drafted into the Navy.

We're very proud of Ella, and our cafeteria, who won the plaque.

Mrs. Ezell said that "I'm getting nuttin' for Christmas, 'cause I ain't been nuttin' but bad." Ha! That will be the day!

Got this little news item, with which I wholeheartedly agree, and I'd like to publish it, just as it was received: "From contact

**SERVICE CLUB SCHEDULE**

At the Post Service Club tonight, the Messilemen will start practicing at 6:30 p.m. At 7:30 p.m. the Chess Club meets.

Tomorrow night is a Junior Horess meeting at 7:30 p.m. Dancing to Ben Svrjcek's orchestra will start at 8 p.m.

Thursday night the Enlisted Men's Council will meet at 7 p.m. At 8:30 p.m. there will be dance instruction and bridge.

Registration is now open for the pizza supper planned for January 6. There will be a charge of 50 cents. Registration will end on Jan. 5.

Sunday morning Coffee Call will be at 9:30 a.m. and the Music Hour will begin at 10:00 a.m. An evening of games is planned for 8:30.

An elimination pool tournament is scheduled to begin on Jan. 9. Entrants must be signed up by Jan. 8. Prizes will be awarded winners.

and observation for a period of over 12 months I can say, without hesitation, that there is not a building in Redstone Arsenal that has a more efficient, cooperative, and pleasant group of people as we have in building 412; and here and now, they should have such recognition." (Signed—Moncy L. Taylor). The only addition I'd like to make to that, is that to me, it should take in all of Fab Lab—411, 405 and 427 too! They're a wonderful bunch of people. Anyone who disagrees, will have to fuss with any one of us, I'll bet. I'll try to find out some of the New Years' resolutions, for the next time—so 'til then—be good!

**Shell-Shocked**



Simply out of this world is the best way to describe lovely film star Mamie Van Doren. Mamie is out to prove that Hollywood science-fiction movies are better than ever now that the news indicates space travel is in the offing.

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**ROUND-THE-CLOCK WATCH**—Lieutenant Marvin S. Crow, Dilwin, Va., is one of the Army's "new" officers—the officers and enlisted men who man the nation's NIKE sites and keep a 24-hour vigil against possible enemy aircraft. This composite photograph of the lieutenant, the NIKE ground-to-air missile, and the missile on launcher with crewman was made at the Lorton, Va., NIKE site.

FOR BLISS, Tex. — The hot Texas sun beats down on a mesa near El Paso where a new type of American soldier is being molded to the pattern of modern defensive warfare.

This is the home of the Antiaircraft Artillery and Guided Missile Center. Here soldiers and officers daily are solving the mystery of the NIKE guided missile in preparation for their round-the-clock vigil at Nike sites throughout the country.

NIKE is the principal, visible symbol of the safeguards the U.S. Army is throwing around urban and industrial centers. It is the only operable ground-to-air missile, capable of tracking down and blasting out of the skies even the highest and swiftest bombers.

NIKE is mysterious because it is complex. Equipped to lift the veil are the Center's four major elements: the School, Troop Training Unit, Tactical Support Troops for the School and the Replacement Training Center. In addition, there are Research and Development and Testing Units.

Center activities extend 168 miles north of here into the des-

ert, ending at Red Canyon Range, where NIKE is fired.

The men who come here for NIKE training have been selected and "earmarked" by the Department of the Army. They come as parts of "packages," which, when completed, have approximately 14 officers and 123 enlisted men. Members of the "package" arrive at staggered intervals; their allotted time here is commensurate with the training they are to receive.

Some 90 of the enlisted men are designated "operators." They operate the Acquisition (sighting), Missile Tracking and Target Tracking Radars, the Computer (NIKE's brain) and the launching equipment.

Two men are designated "assembly crewmen" and the remainder are about equally divided between the "launcher crew" and the "radar and computer operators." About 10 percent are dropped from the "package" as unqualified during the course's run.

Operators receive eight weeks of intensive training in the use of the NIKE equipment they will eventually operate. They become experts in the particular gadget and in the over-all operation of the NIKE unit.

A smaller group of the 14 officers and approximately 33 men are the "maintenance specialist." School-trained in courses running up to 43 weeks in length, all must be career soldiers.

These specialists are broken down into three major groupings: Guided Missile Electronic Material Maintenance men, Ground Guidance Specialists and Guided Missile Mechanical Maintenance men.

The job of the Electronic Maintenance men is to ensure the mis-

sile will obey commands after it is launched. NIKE's control system is their particular concern.

Also known as "internal guidance specialists," they are given a 14-week course in basic electronics, a broad picture of the operation of a NIKE battery as a whole and a study of the NIKE missile itself and its incredible complex electronic brain.

The ground guidance specialists also spend their first 14 weeks in a basic electronics course. They too must be familiar with the exact procedures used in orienting and synchronizing the NIKE system and its electronic equipment. After 288 hours of studying the computer, they are supposed to know the function of every minute part of their equipment, down to the last of the 2,000-odd vacuum tubes.

The mechanical maintenance men are known as the "nuts and bolts" group. They assemble, test and fuel the missile. They are responsible for the proper operation of everything in NIKE except its electronic brain. They are instructed in the use of tools, the high pressure systems, air testing facilities and the nomenclature, descriptive function, location, operation of the missile propulsion, hydraulic warhead and guidance system and their component parts—a tall order. In brief, they prepare NIKE for firing.

Forty-five weeks and two days from the date the first of the personnel earmarked for a NIKE personnel package arrives here, all elements will be graduated from their respective school of training courses and units. Then, for another eight weeks, they will train as a unit with the equipment that they will use in the field.

Finally, the unit is moved out to Red Canyon Range for the in-

**Lovely Lucy**



Saucy Lucy Marlowe, pretty Warner Bros. starlet, has the publicity department working overtime. Lucy's drum-beaters point out that she has an "arresting figure" but won't need a "captive audience" in her next movie, "Lucky Me."

**Polio  
isn't  
licked  
yet!**



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January 3 to 31

tricate and varied pre-launching tests. The unit fires its first NIKE and then is ready to occupy a defense site somewhere in the United States.

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ST. LOUIS, Mo. — If you are a veteran of the Army your military records are now on file here with those of approximately 30,000,000 (M) ex-servicemen in one of the newest and largest buildings in the world—the Military Personnel Records Center.

For the first time, records of all veterans of the armed forces are being centralized. Those of the Army and Air Force, dating

back to 1912, have been moved from their center on Goodfellow Avenue here; transfer of the Navy and Marine files—dated from 1885—from Garden City, New York, will start early in March.

The records total over 28,000,000 (M) pounds and occupy approximately 1,000,000 (M) linear feet—enough documents to fill over 100,000 standard four-drawer filing cabinets.

The new Center, located in the suburban area, is likely to achieve world fame for its size. It was built in two years under the su-

perision of Army Engineers at a cost of \$12,500,000 (M), and is rated among the 20 largest buildings in the world, second in size only to the Pentagon among government construction. It has over 1,280,000 (M) square feet of usable floor space—more than that of the Empire State Building.

The size and design of the Center create some new problems in building maintenance. With over five acres of glass, the window washing job could be a gigantic one indeed. However, this has been simplified with the innova-

tion of an idea which may revolutionize window washing in large buildings—a screened-in cage suspended from cables attached to a tram car on the roof and traveling on tracks. The entire job requires but two men, one on the roof to run the tram and regulate the position of the washers cage, and one in the cage.

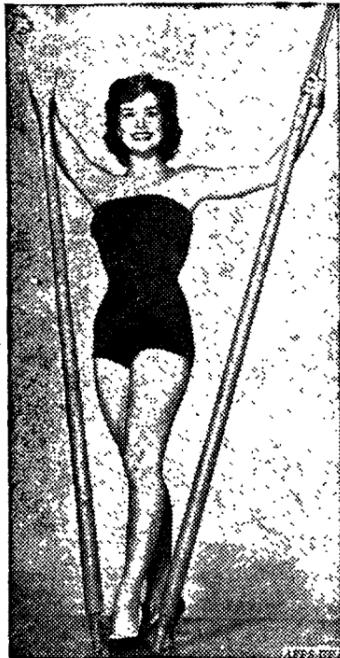
The Center is a Department of Defense activity, since all the military services are involved, but the Department of the Army has been given over-all responsibility for its operation; construction and certain operation costs come from Army funds. However, within the

Center each service will have its own separate records agency, working in close coordination with the others.

Centralization will allow for quicker service generally, and particularly when information is required on an individual who has served in more than one branch of the services.

Hundreds of requests are received each week from such agencies as the Veterans Administration, Civil Service Commission, and the military services themselves. A large percentage of these are for information to help veterans receive benefits.

On the Waterfront



Twenty-year-old Cynthia Patrick put both oars in and came up with a long-term film contract. She'll make her movie debut in "Pillars of the Sky." She's a redhead.

Universal Appeal



Lovely Hillevi Rombin, "Miss Sweden of 1955," models a pretty bathing suit during a fashion show at a New York department store. Miss Rombin represented Sweden in the Miss Universe contest at Long Beach, Calif.

WANTADS

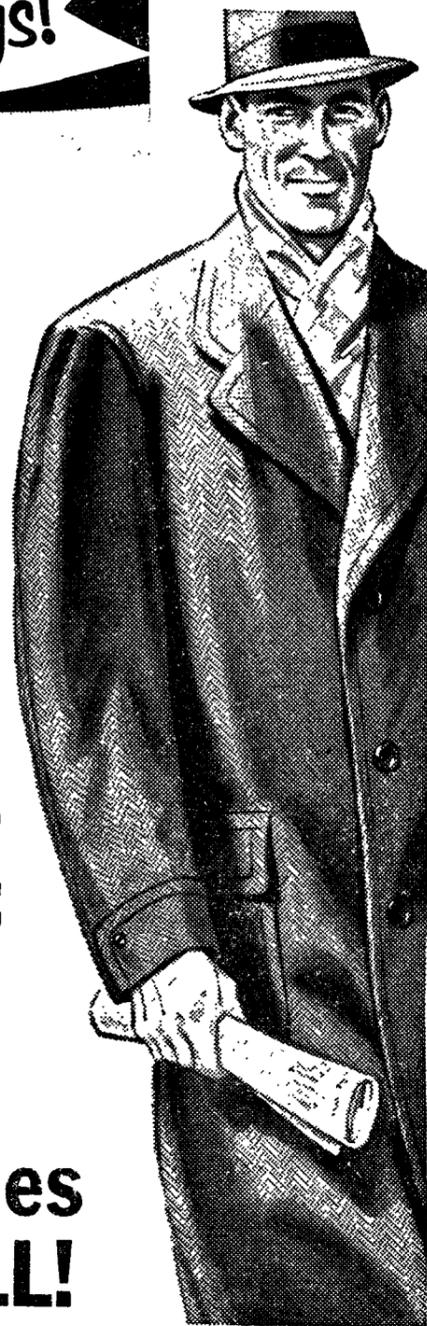
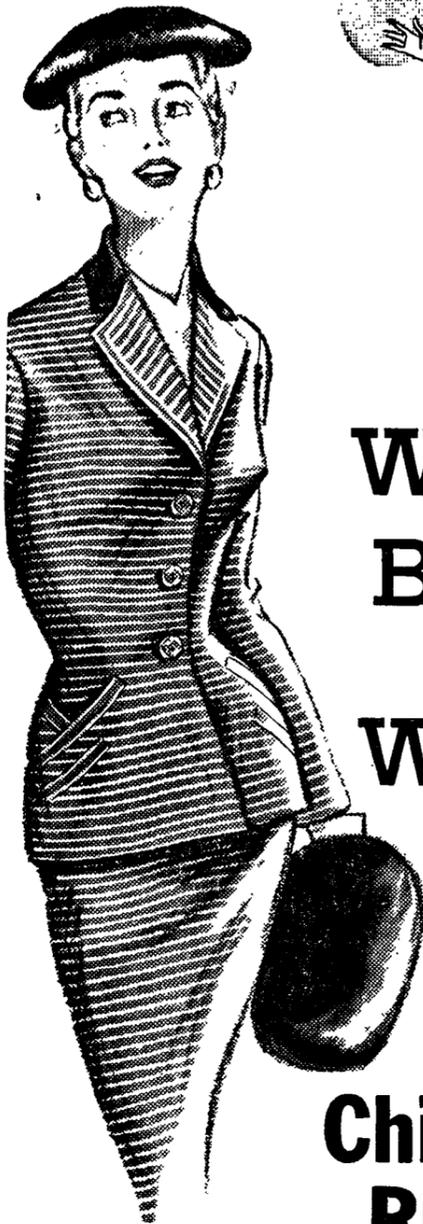
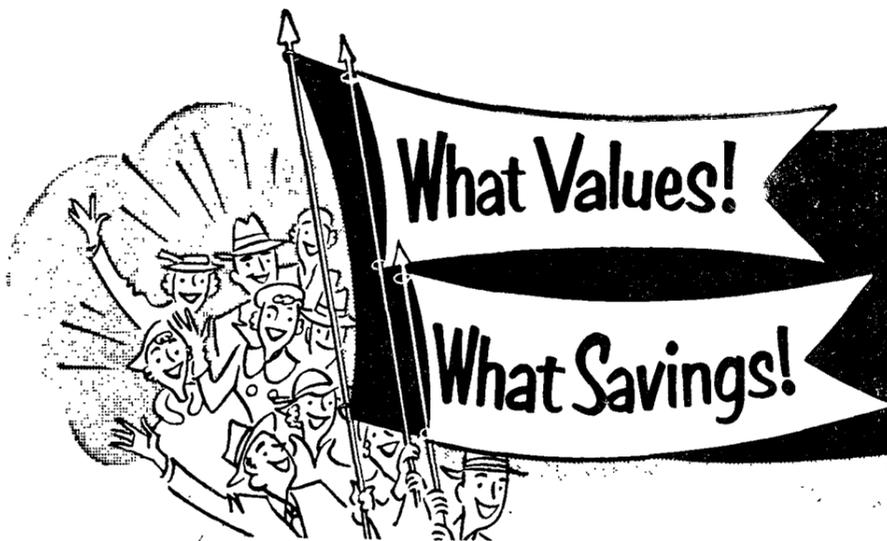
ROOMS FOR RENT—Single and double for men with good habits, completely and newly decorated, economically priced. Central Y.M.C.A. Dial JE 4-7131. tfc

WANTED TO TRADE — 3-bedroom home in Huntsville for 3-bedroom home in Athens or Decatur. Call ANDY KARABINOS Thiokol 116 or phone JE 6-1712 after 5 p.m. 1-10c

FOR SALE—36-ft. Spartan Trailer, excellent condition, air conditioned, reasonable price. See Fred Stevenson at Redstone Trailer Park. tfc

# January Clearance

## CONTINUES ALL WEEK WITH FURTHER MARKDOWNS!



### Men's And Women's WINTER WEARABLES

### Boy's & Girl's WINTER WEARABLES

### SHOES FOR THE FAMILY! WINTER YARD GOODS!

### Children's Wearables REDUCED TO SELL!

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