



NEW ARMY SYSTEM—Col. E. V. Lau, Director of Procurement and Production, sets in motion the Army Missile Command's new mechanized system for vendors which, P&P says, "is the most advanced system of its kind known to be in existence." Looking on are many of the Missile Command men who played an important role in the system's development. From left are Jim Terry, O. M. McCaddon, Austin Couch, P. L. Moring and Col. Lau.

New Bilco Is Born Here; It Finds P&P Vendors

Although it won't be seen on TV, a new Bilco has just been born in the Army Missile Command.

Unlike another "Army veteran" of TV fame—Sergeant Bilko—this newcomer can't sing, dance or act . . . and has nothing whatsoever to do with entertainment.

Yet, enthusiastic Army people say the new star promises to be just as popular in its own right as the veteran.

In fact, the Bilco which has just stepped into the spotlight can't even talk. But it can provide an infinite amount of vital information—and do it in a matter of seconds.

This new marvel is part of a mechanized system that selects

vendors for competitive bidding on government "needs." It lists the vendors, or companies if you prefer, giving their interest and capabilities.

In a nutshell, the system contains—at the push of a button—a wealth of information on hundreds of private industries, what they are capable of producing and pertinent background data.

When an item is needed—be it a nail, screw, nose cone or what have you—people in the Missile Command can have a list of companies that can supply the needed item—before you can say Bidder's List Application.

This, incidentally, is the proper name for the new system which the Missile Command's Procurement and Production Directorate says "is the most advanced system for vendors known to be in existence." Bilco—Bidder's List Control—is a nickname for one particular phase of it.

Playing major roles in the development of the new system, which became operational Jan. 3, were P. L. Moring of Procurement Operations; Jim Terry of ADPS (Automatic Data Processing System) and O. M. McCaddon of the Plans and Services Office as well as a host of other staff workers in each of these divisions.

And—always of the utmost urgency—the assignment was carried out at no added expense to the (See NEW BILCO on Page 3)

The Redstone Rocket

Published by Jack W. Hoffhaus, Hartselle, Ala., a private individual in no way connected with the Department of the Army. Opinions expressed by the publishers and writers herein are their own and are not to be considered an official expression by the Department of the Army. The appearance of advertisements in this publication does not constitute an endorsement by the Department of the Army of the products or services advertised.

VOL. XII; NO. 35

REDSTONE ARSENAL, HUNTSVILLE, ALABAMA

JANUARY 15, 1964



LANCE MISSILE MEETING—Officials of military and contractor organizations participating in the Army Missile Command's Lance ballistic missile program are shown during a meeting last week at the Missile Command. Seated left to right are Charles L. Brunow, program director for Ling-Temco-Vought Michigan, prime contractor and Col. W. W. Holmes, Lance Project Manager for the Army

Missile Command. Standing are Col. R. B. Partridge, representing the user; Roy Tanner, program manager for Hawker Siddeley, the Canadian sub-contractor which is building the system's lightweight launcher; W. R. Kiefer, Vice-President and General Manager of Ling-Temco-Vought and Lt. Col. B. B. Schardt, systems staff officer for the Department of the Army.

Intelligence Directorate Head Named

A man who has been in the business of missilery since 1951 has been named as the new director of the Army Missile Command's Directorate of Missile Intelligence.

On the job Monday, he is Col. Reuben W. Mundy who comes to Redstone Arsenal from Fort Lawton, Wash., where he commanded the 26th Artillery Group (Air Defense).

A native of Jonesboro, Ga., Col. Mundy attended North Georgia College, the Georgia Institute of Technology and holds both a bach- (See INTELLIGENCE on Page 3)

Gen. Schomburg Visits

Lt. Gen. August Schomburg, CG of the Army Supply & Maintenance Command, is scheduled to visit Redstone Arsenal tomorrow.

It will be his second visit here since relinquishing command of the U. S. Army Ordnance Missile Command to assume the post he now holds in Washington.

Gen. Schomburg is scheduled to receive briefings in the Missile Command's Directorate of Supply & Maintenance during the morning. Maj. Gen. John G. Zierdt, Missile Command CG, and top officers will lunch with General Schomburg at noon in the Officers' Club.

Gen. Schomburg directed the Army's missile and rocket programs here from 1960 through the spring of 1962.

Lance Developers Meet To See How It's Progressing

The men who are developing the Army's highly mobile Lance ballistic missile system met recently at the Army Missile Command to take a look at how the weapon system is coming along.

Now in the middle of its research and development period, Lance is planned as one of the Free World's most advanced surface-to surface weapon systems.

The meeting, known as the Lance Quarterly Status Review, was attended by representatives of all military agencies and private contractor firms participating in the Lance program.

Officials present included those from the Department of the Army, the Combat Developments Command, the Army Materiel Command, and several elements of the

Army Materiel Command.

In addition, officials from the weapons system's prime contractor, Ling-Temco-Vought Michigan, attended the meeting, with their sub-contractors.

Sessions opened Tuesday with remarks by Col. W. W. Holmes, who is Lance Project Manager for the Army Missile Command. During the meeting, discussion centered on development milestones achieved and those planned during the upcoming months.

Lance will be the first Army missile system to use pre-packaged storable liquid propellant. The weapon system is being designed to provide greater fire support for Army divisions. It is planned to replace the Lacrosse, Honest John, and possibly the Little John.

GEN. FUNK SAYS SPACE IS IN REACH

"Space today has come within our reach, but not within our grasp."

That analysis of where America stands in space research was delivered by Maj. Gen. Ben I. Funk, Commander of the Air Forces' Space Systems Division, at the Redstone Arsenal Officer's Club last night.

Gen. Funk was at Redstone to speak to the Tennessee Valley Post of the American Ordnance Association.

He told members of the AOA that space harbors "threats and opportunities, not so much because what it is, but because of what it might become."

Gen. Funk and his party from Los Angeles spent Tuesday visiting and hearing briefings on the Missile Command, the Nike X Project, and Marshall Space Flight Center.

New AOA officers were elected during the evening dinner and meeting at which Gen. Funk spoke. Picked for this coming year by the AOA nominating committee were: president, A. A. Demetriou of Northrup; vice president Paul K. Schaeppli, Deputy Director of the Missile Command Directorate of Procurement and Production; vice president, J. H. Goodloe of Thiokol; and vice president, Col. E. R. Billings, (ret.) former Deputy Director of the Missile Command's Directorate of Research and Development.

A. F. Wild of General Electric was named secretary-treasurer and David H. Newby of the Marshall (See GEN. FUNK on Page 2)

Speed Limit Lowered

The speed limit on Patton Road between Gate One and Bob Wallace has been lowered to 40 miles per hour.

The Military Police have exclusive jurisdiction over this street and are enforcing the speed limit which became necessary because traffic is more congested, more entries have been added from side streets and the accident rate increased according to Col. William Luk, Redstone Arsenal Provost Marshal.

The Redstone Rocket

The Redstone Rocket is published weekly, on Wednesdays. The publisher will receive editorial content for publication in the Rocket only through the Information Office, Army Missile Command, Redstone Arsenal, Ala., Bldg. 5250, Room A-136, Extension 876-4161.

All advertising copy and payments therefor are received by Mrs. Zillah T. Heath, Huntsville, Ala., P. O. Box 346, telephone 534-4701, as representative of the publisher. Advertising deadline—both display and wanted—is noon of Friday before publication. The Redstone Rocket is distributed free of cost to personnel at Redstone Arsenal. Mailing rates off post for the Rocket are \$6.36 a year, or \$3.50 for six months, tax included. Mailing arrangements may be made with the publisher, P. O. Box 520, Huntsville, Ala.

Rocket Ruminations

"... President Kennedy was one who touched something universal in the human heart. Thinking of him, we all see so vividly what we admire in a human life, and what are the great causes we care about."
—Dr. Michael Ramsey
the Archbishop of Canterbury

Editorial— Resolution Number 1: 'Buy Savings Bonds'

The making and breaking of New Year's resolutions has become as American as turkey on Thanksgiving and fireworks on the 4th of July.

Our Nation has just completed a most fateful year. We are moving into 1964 with a new Commander-in-Chief imbued with a fervent spirit and knowledge of where he hopes to lead the country.

Today, as never before, the time is ripe for the individual citizen in or out of uniform to become a bigger and better part of the United States.

The country, in some ways like a huge business organization, is made up of many stockholders. The year 1964 should be the time all of us take more "stock" in our Nation.

The Armed Forces provide a simple, sound and regular way for its people to invest in the future. This is the Savings Bond allotment program.

Here is a single 1964 resolution that should defy tradition and remain unbroken throughout the year—"I will join my fellow Americans and maintain a regular Savings Bond purchase schedule." (AFPS)

Gen. Lynde Retires Gen. Anderson Is CG

ROCK ISLAND, ILL.—Maj. Gen. Nelson M. Lynde Jr., first commanding general of the Army Weapons Command, has announced his retirement from active duty effective Feb. 29 after 35 years service.

Brig. Gen. Roland B. Anderson, Gen. Lynde's deputy since August, 1962, has been selected to succeed him and will assume command 1 March.

A member of the U. S. Military Academy class of 1938, Gen. Anderson is a native of Duncan, Oklahoma. An Ordnance officer, he was deputy chief of the Industrial Division, Office, Chief of Ordnance, from 1957 until 1960.

Railroaders To Hold Two 'Open House' Sessions

The Model Railroad Association at Redstone Arsenal will hold Open House two weekends during National Model Railroad Week Jan. 18-26.

Visitors will be able to watch a new section under construction—giving a view of the benchwork, roadwork and landscaping that goes into building a model railroad.

Levin Soule has been president of the local association for the past year. He said that the doors to Bldg. 3541 will be open to interested observers from 2-9 p.m. Saturday and Sunday, Jan. 18-19, and Jan. 25-26.

He suggested that everyone without an arsenal sticker use Gate One.

GEN. FUNK

(Continued from Page 1)

Space Flight Center became the AOA National Council Member.

Gen. Funk was introduced at the meeting by Maj. Gen. John G. Zierdt, the Commanding General of the Missile Command.

The Air Force space specialist said that "it is well recognized here in Huntsville that military resources, facilities, and capabilities have been and are continuing to be well represented in our national space program."

For example, he said that the military services had provided the boosters and launched about 90 per cent of all U. S. space projects to date, including the Mercury series; and that all of our astronauts have been military men.

He noted that Huntsville and Redstone Arsenal was "where America's success story in space began." He added that "Huntsville is destined to play a continuing important part in our nation's reach beyond the atmosphere."

Gen. Funk said the nation's attitude toward scientific achievement today was the reverse of what it was less than a century ago when a New York newspaper reported that a man had been arrested for attempting to extort funds from ignorant and superstitious people. The crime was that he claimed he could transmit the human voice over metallic wires. The paper commented that "... well informed people know that such a thing is impossible and even if it were possible it would be of no practical value."

But, the General noted, "... today we tend to believe anything is possible and we take fantastic accomplishments almost for granted." He said that last year in the 20 minutes it took the Mariner II spacecraft to fly by Venus scientists learned more about that distant planet than had been accumulated throughout the history of astronomy.

Speaking about the military's interest in space, Gen. Funk said they were aimed at two objectives: (1) space systems that will enable us to augment or improve the capabilities of existing military forces;

THE WHITE HOUSE

Washington

December 13, 1963

MEMORANDUM TO HEADS OF DEPARTMENTS AND AGENCIES:
I ask that you convey this personal message to all of your employees:

In these first days, men and women of all ranks within the government have asked me, "What can I do to help?" Many more of you, deeply committed to the Federal service, are undoubtedly asking yourselves the same question. It is impossible for me to make a direct and personal response to all of you, much as I would like to do so. Yet there is an answer which I would like to express to every employee in every agency at every location in the Federal Government. It is simply this: "Give your best to your job and your country."

As your Chief Executive, I will do my utmost to maintain the high quality and character of the career service in the government and to advance its usefulness through improvement. I will look to those who direct the day to day activities of this great work force and to the Chairman of the Civil Service Commission for continuing reports and recommendations to assist me in this purpose.

We have a great resource of abilities and talents among the people serving our Federal Government. We have career systems to assure continuity of people and programs. We are organized for the job and the work is before us. President Kennedy did not shrink from his responsibilities, but welcomed them, and he would not have us shrink from carrying forward the great work he began so well. I say to you as I said to the Congress: "Let us continue."

Lyndon B. Johnson

and (2) military systems to protect our interests in space.

He added that space is not simply a scientific adventure or an exercise into technologies. "Our nation's future and perhaps its destiny are involved," he said.

He said the Space Systems Division, which he heads, has allotted \$800 million—or a third of its current budget—to development of the Titan III. He said the pow-

erful Titan III booster is being designed to put 25,000 pounds—the equivalent of six Cadillacs—in a 100-mile orbit.

Gen. Funk and his group visited Huntsville Research Park following a visit to Marshall Space Flight Center Tuesday afternoon.

He had scheduled a visit to the Arnold Engineering Development Center at Tullahoma, Tenn. today.

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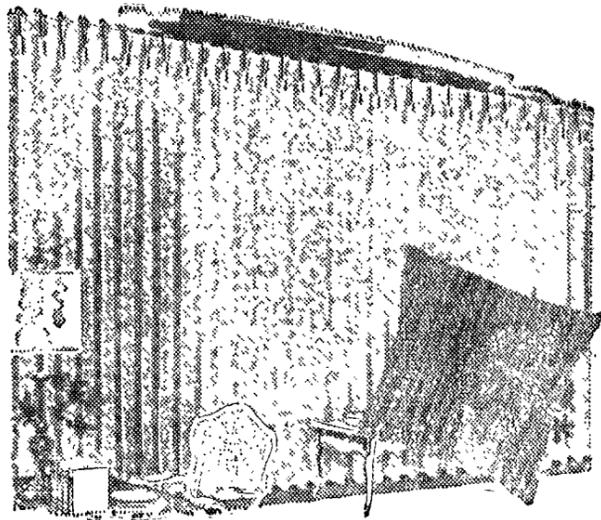
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DEAN SEES RF HAZARD DETECTOR—J. C. Cox (standing) deputy director of the Propulsion Laboratory in the Army Missile Command's Directorate of Research and Development at Redstone Arsenal, shows a radio frequency hazard detector to James R. Cudworth, dean of the School of Engineering at the University of Alabama. The hazard detector was developed in the laboratory to prevent accidental missile firings. Others in the photo, left to right, are Robert H. Fink, chief of the laboratory's technical staff; Roy W. Killingsworth, University of Alabama; John P. Hallows, Jr., director of the Physical Science Laboratory; and Lingino A. Woodman, University of Alabama.

INTELLIGENCE

(Continued From Page 1)

elor and master of arts degree from George Washington University.

He was commissioned a second lieutenant in the Coast Artillery Reserve in 1940 and in the Regular Army in 1942.

During World War II, Col. Mundy served in the North African and European theaters of operations as a battery commander and later as operations officer in anti-aircraft battalions. In 1951, he completed the Officers' Guided Missile Course at Ft. Bliss, Tex., then served on the staff at

the Anti-Aircraft and Guided Missile School and at Headquarters, Fourth Army, as a Guided Missile staff officer.

From January to November, 1956, he was commanding officer of the 83rd Missile Battalion at Camp Hanford, Wash. Following this, he served in the office of the Chief of Research and Development as a Project Officer in the Redstone and Jupiter programs and later in the Nike-Zeus program.

He is also a graduate of the Command and General Staff College, the Air-Ground Operations School and the Army War College.

Col. Mundy is married to the former Joy Kinnebrew of Birmingham, Ala., and they have one son, Richard Ward, 17, who is a senior at Huntsville's Butler High School.

surplus area and Army Procurement district.

Col. E. V. Lau, director of Procurement and Production, says the new system is a step in the right direction in keeping the cost reduction program stressed by Defense Secretary Robert McNamara.

"It gives us greater management effectiveness at no increase in cost," Col. Lau emphasized. "It also enables us to achieve increased impartiality in respect to giving vendors an opportunity to bid in their respective categories."

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NEW BILCO

(Continued From Page 1)

government . . . the system was created with existing equipment. It not only didn't cost Uncle Sam anything extra but it will result in savings, P&P personnel say, in both time and money.

This is how it works. Vendors who feel they have a product the government can use and who want to get on a bidder's source list, may do so by sending a request for consideration to the P&P Directorate of the Army Missile Command.

Background information on the companies and what they can supply is fed into a computer where it is recorded on master tape records.

When a request for a particular product is initiated, P&P determines if the requirement will be formally advertised for bids or opened to competitive negotiation. After this determination, the procuring element obtains a list of qualified bidders which is requested by completing a Bidder's Request Card.

This list of qualified bidders,

which is rotated to insure that all vendors have an opportunity to bid in their particular category, is then furnished to procurement by means of a mechanized printout which includes gummed labels for each bidder appearing on the list. Also included is the name of the last successful supplier.

P&P then forwards the bidder's list and gummed labels to the procuring element which, in turn, forwards an invitation for bids or a request for proposal to the selected vendors.

After a specified period of time, ADPS will produce a Bidder's List Control Card—Bilco—for annotation of type of action taken by the procuring element.

This Bilco card carries the name of the last successful bidder on a particular item for obvious reasons—the vendor supplying the item at the lowest cost before might again be prepared to do the job for less when the need arises.

Advantages of this mechanized system are many. But the primary features are the tremendous savings in man hours per year as well as the rotation of vendors, giving all a fair shake at the bidding.

The system has inquiry and fol-

low up capabilities as well as useful data on various companies such as large or small business, security clearance, kind of business, labor

Adm. Northwood, Col. Devine Visit

Rear Admiral Robert H. Northwood, Commander of the Defense Electronic Supply Center, (DESC) Dayton, Ohio; and Col. John E. Devine, USAF, his Chief of the Planning and Management Office, are visiting the Army Missile Command today.

DESC, the first single manager agency within the Defense Supply Agency to handle technical equipment on an integrated basis, manages the procurement, supply and distribution of all electrical and electronic common items of supply for all Military Services.

The purpose of Adm. Northwood's visit is to receive a mission briefing and to discuss support functions that are provided the Missile Command by DESC.

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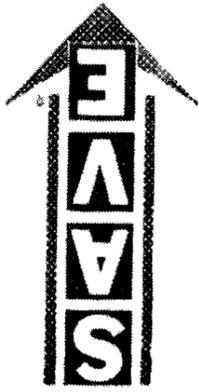
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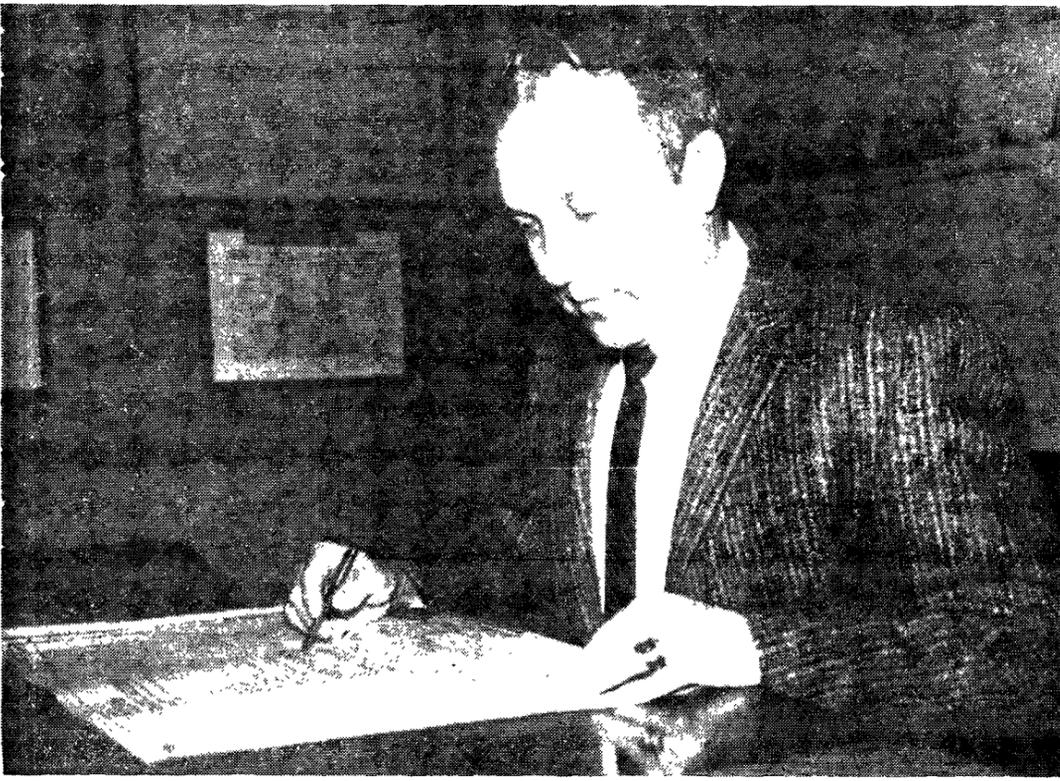
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- 1955 FORD**
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SIMPLIFIES PROCEDURE, SAVES MONEY—Joe Phillips was awarded \$250 for using his eyes and applying it to procedures used in his area in the Documentation Division for the Directorate of Production and Procurement at the Army Missile Command, Redstone Arsenal, Alabama. Phillips found a way to keep documents out of retirement when they become obsolete for one system but are still current for another. Phillips' suggestion assures they are kept in circulation for active systems. The documents are marked while they are still in the hands of the draftsman on the drawing board.

IT PAYS TO HAVE ROVING EYE

A roving eye and applying what he saw to his job won Joe Phillips, an engineering technician in documentation, \$250. under the Army Incentive Award Program.

The Documentation Division of the Production and Procurement Directorate at the Army Missile Command, here works like a missile seeking its target to standardize methods in handling paperwork as well as equipment for its missiles.

Phillips was visiting the Martin Company plant at Orlando, Fla., in connection with his job as an equipment specialist when he discovered the draftsmen marking a document so that a filing clerk could readily identify it with the system or systems to which it might pertain.

One of the problems that was troubling Phillips was that a document might be marked for backfile by one group working on a system for which the drawing was obsolete. Another group on another system was prone to pull the same document and put it back in the current file for use. This was costing the Government time and money. When Phillips returned to Redstone Arsenal he drew up a suggestion to change the procedure, eliminating wasted time and effort.

Later after the suggestion had been thoroughly investigated, he was rewarded with a check, presented to him by the Director of Production and Procurement, Col. E. V. Lau.

Phillips and his wife Barbara are both natives of Atlanta, Ga. They moved to Huntsville in May, 1956, when the Signal Corps transferred their Signal Supply activities from Atlanta to Lexington, Ky. Phillips had been working as an equipment inspector and in supply with them.

He is an Army veteran of World War II. Phillips, his wife and two daughters, Lori, 9, and Joani, 5, live at 11327 Chickamauga Trail, Huntsville.

The girls enjoyed riding in their Dad's boat while he still had

it. He has almost abandoned his fishing trips, but still enjoys wetting a line or hitting a golf ball. Occasionally he is a back yard cook but claims no great proficiency at this art.

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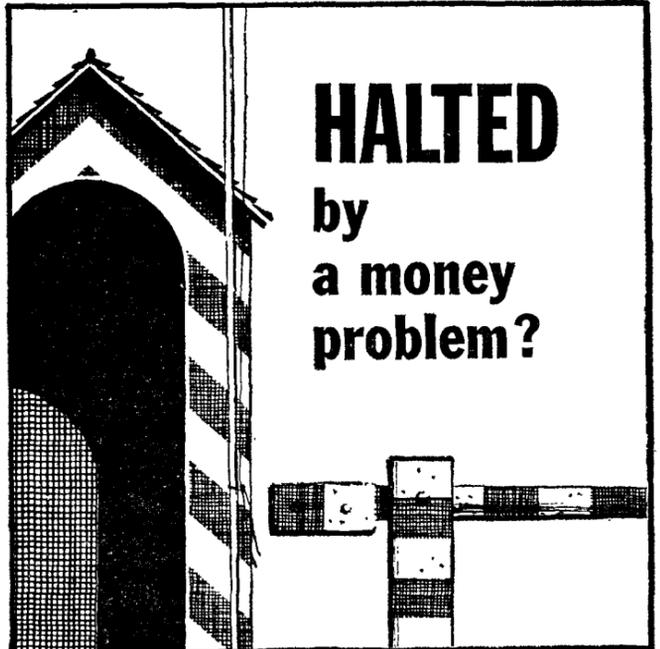
OGMS Graduates Three Classes

Eleven U. S. enlisted men and three German students were graduated Friday, from three classes in missile maintenance at the Army Ordnance Guided Missile School.

Pvt. Gary L. Maynard of Maple Valley, Wash., was honor graduate in the ballistic missile propulsion and structures repair on the Pershing missile. Pvt. Doyal R. Mar-

tin of Coleman, Okla., was top student in the ballistic missile rocket motors and structures repair class for the Sergeant missile.

The graduates were addressed by Lt. Walter McClure, chief of the mechanical section of the Missile Components Division of the Department of Individual Training.



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REDSTONE ARSENAL, ALABAMA

Arsenal Yacht Club Receives Coast Guard Status

The Redstone Arsenal Yacht Club received a charter as an auxiliary Coast Guard Flotilla Friday night during ceremonies in which Redstone Commodore C. L. Ferrell accepted the charter from Capt. E. L. Rhodes, Sr., from the Chattanooga Coast Guard Auxiliary. Capt. Rhodes is District Commander.

The almost 100 Arsenal Yacht Club members meet monthly in Bldg. 3615, the same building in which their boats are housed for storage.

Becoming a part of the Coast Guard Auxiliary has several advantages, Col. Ferrell said. Until now the Arsenal club has had to depend on the Decatur Coast Guard Auxiliary for boat inspections.

Basically, the Auxiliary is dedicated to water safety — boating, swimming, skiing — and promotes education of every individual who uses the lake and river systems in the area for recreation or transportation.

Open to anyone working at Redstone Arsenal . . . the Space Flight Center, Air Force and the Marines are represented in the club . . . the Redstone Yacht Club meets every month and schedules cruises from May through October.

One of the points that the Arsenal boatmen have emphasized is that water sports are for the whole family and their education program is designed to refresh old hands and teach new owners safety habits in boat handling and navigation.

To receive a charter a club must have 12 boats. At present the Redstone Club is represented by 86 boats. One of the ground rules is that there must be one boat for every three club members.

Now that they have Coast Guard status, they will also be able to assist in regattas and other water festivals.

Their sponsors were the Decatur Coast Guard Auxiliary which conducted the boat inspections for the



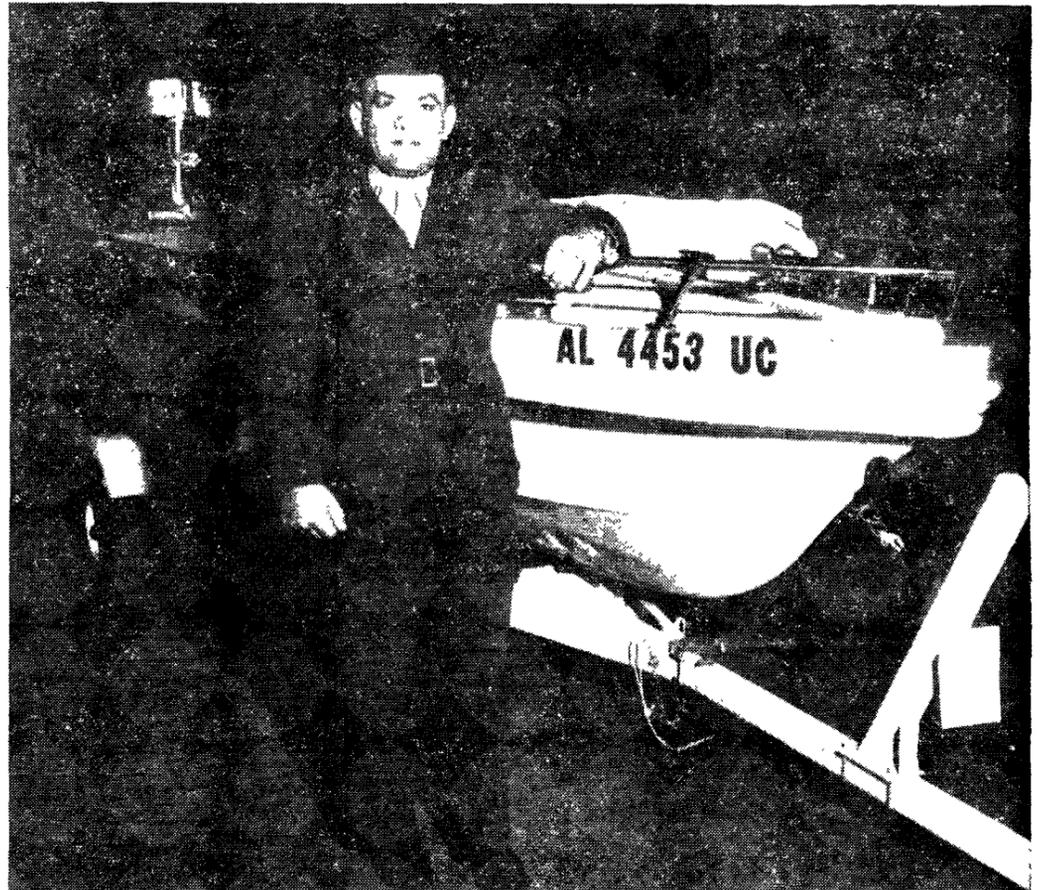
ALL ABOARD—Susan Powell, daughter of Maj. and Mrs. Royce M. Powell, Jr., is ready and willing to set sail. She's telling Mrs. L. M. Anderson with charm that the skipper should be ready too.

At left is Mrs. Powell, Susan's mother. They are all members of the Arsenal Yacht Club.

Arsenal in 1963. The Flotilla Commander at Decatur is Charles Rogers.



CHARTING COURSE—M/Sgt. and Mrs. George Ryan plot a course on a navigational map before taking off on a Tennessee River cruise. They are members of the Redstone Arsenal Yacht Club which received its charter as an Auxiliary Flotilla for the U. S. Coast Guard Friday night.



SHE'S MY THUNDERBIRD—Capt. Dominick Muffi poses beside his boat in the storage area provided boatmen at Redstone Arsenal by the Arsenal Yacht Club. The captain, a Marine, is one of the most active members of the club. Another club member classed his boat as the Thunderbird of the boat world.

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Scoreboard

AMERICAN BRITISH CANADIAN OFFICERS

Team	Won	Lost
S-Wonners	91	21
Lucky Strikes	79	33
Black Jacks	64	48
Wheezers	56	56
Hopefuls	50	62
Hopefuls	42	70
AF Jupilos	40	72
Maulers	28	84

THURSDAY MORNING LADIES

Team	Won	Lost
Splits	30½	17½
Tryettes	26½	21½
Roaring Trio	25½	22½
Terrific Trio	25	23
The U. N.	25	23
Old Timers	22	26
Gutter Dusters	20½	27½
Youngsters	17	31

High Team 3 Games:

Roaring Trio—1265 (Scratch)
 High Team Game:
 Roaring Trio—460 (Scratch)
 High Ind. 3 Games:
 J. Arnold—533 (Scratch)
 High Ind. Game:
 J. Arnold—222 (Scratch)

OGMS OFFICERS

Team	Won	Lost
Rounders	35	17
Bohunks	29	23
ADM	28	24
Zeros	26	26
Bowl Weavils	21	31
Missile Comp. Div.	17	35

High Team 3 Games:

Rounders—2545 (Scratch)
 High Team Game:
 Rounders—873 (Scratch)
 High Ind. 3 Games:
 Hitt—623 (Scratch)
 High Ind. Game:
 Hitt—236 (Scratch)

REDSTONE OFFICERS WIVES LEAGUE

Team	Won	Lost
Merry Mrs.	32	24
Who Cares	31	25
Gamblers	30	26
Comets	30	26
Missers	29	27
Crazy-Eights	26	30
Misfits	24	32
Poor Excuses	22	34

High Team 3 Games:

Comets—1808 (Scratch)
 High Team Game:
 Crazy-Eights—591 (Scratch)
 High Ind. 3 Games:

Lau—554 (Scratch)
 High Ind. Game:
 Lau—213 (Scratch)

EM MIXED

Team	Won	Lost
Keglers	43	21
Draggins	42	22
Hotshots	33½	30½
Dolittles	29	35
Brokenettes	29	35
Breaking Points	27	37
Unpredictables	26½	37½
Washouts	26	38

High Team 3 Games:

Hotshots—2027 (Scratch)
 High Team Game:
 Draggins—728 (Scratch)
 High Ind. 3 Games:
 Taormina—620 (Man) (Scratch)
 Taormina—561 Woman (Scratch)
 High Ind. Game:
 Hamer—244 (Man) (Scratch)
 McClure—207 (Woman) (Scratch)

BANTAM LEAGUE 8-12 Yrs.)

Team	Won	Lost
No. 5	27	9
No. 3	22½	13½
No. 4	22	14
No. 2	20½	15
No. 8	18	18
No. 1	16	20
No. 7	12	24
No. 6	6	30

HIGH SCRATCH

BOYS:
 High Average:
 Thompson—117
 High Game:
 Handy—178
GIRLS:
 B. Quantz—107
 Graham—152

REDSTONE OFFICERS MIXED LEAGUE

Team	Won	Lost
D. Yanks	87	39
Bombers	84	42
Bowl Weavils	67	59
Redstones	64½	61½
Pin Droppers	64	62
D Doms	53	73
High Counts	49½	85½
Baby Splits	45	81

SCHOOL TROOP COMMAND

Team	Won	Lost
UTC Raiders	46	14
The Visons	44	16
Pin Pickers	31	29
Pop Tons	30½	29½
Co. "C" No. 1	28	32
5 Aces	26½	33½
Co. "C" No. 2	20	40
Hq. STC	14	46

High Team 3 Games:

Raiders—2697 (Scratch)
 High Ind. 3 Games:
 Kasper—628 (Scratch)
 High Team Game:
 Raiders—937 (Scratch)
 High Ind. Game:
 Kasper—245 (Scratch)

REDSTONE OFFICERS

Team	Won	Lost
Spoilers	38	22
Mets	35	25
Robbers	34	26
Procure Mites	31	29
Bandits	29	31
Medico No. 1	26	34

Alley Cats	25	35
OGMS	24	36

High Team 3 Games:

Spoilers—2600 (Scratch)
 High Team Game:
 Spoilers—951 (Scratch)
 High Ind. 3 Games:
 Drissel—634 (Scratch)
 High Ind. Game:
 Ailles—245 (Scratch)
 Javins—245 (Scratch)

SATURN BOOSTER LEAGUE "A" DIVISION

Team	Won	Lost
Black Forest Lounge	49½	14½
Lockheed (RIFT)	37	27
Martin Company, Mfg. Div.	36	28
Haves Top Seven	35	29
Spaco	34	30
Hilding Holmberg	33	31
Brunson Instruments	32	32
Garrett Airesearch Corp.	30	34
Hall's 66 Service	30	34
Republic Aviation Corp.	28	36
C. W. Stewart Machinerv	22½	41½
Haves Ex-Cons	17	47

200 GAMES:

Yates, 204; Anderson, 206; Scott, 206; Magnant, 210; Huffman, 219.

"B" DIVISION

Team	Won	Lost
Redstone Fed. Credit Union	47	17
Pin Palace Lanes	49	24
Arrowhead Products	38	26
All Sports Trophies	37	27
Norris-Riddle Furn. Mart	36	28
RCA	34	30
Modern Machinery Assoc.	32	32
Redstone Mach. & Tool Corp.	30½	33½
Terry Heights Cleaners	27½	35½
Hayes Designers	23	41
Progressive Welders	21	43
Reba's Bowling Apparel	18	46

209 GAMES:
 Fleshman, 200; Chambers, 201; 202; Williamon, 206, 212; Davis, 209; Bobb, 213; Vadasv, 228; Brady, 201; McKenzie, 201; Key, Clark, 235.

BASKETBALL RESULTS

Jan. 6, 1964
 Allied Det.—2 Forfeit
 184th Ord. Det.—0 Forfeit
 291st M. P. Co.—2 Forfeit

Jan. 8, 1964
 Officers—46
 Hq. STC—34
 C Co. STC—51
 German Det.—17
 1st ETC—60
 A Co. STC—46

LEAGUE STANDINGS American League

Team	Won	Lost
Officers	7	1
1st ETC	6	2
Hq. STC	5	3
C Co. STC	4	4
A Co. STC	2	6
German Det.	0	8

National League

Team	Won	Lost
Hq. AMSC	5	2
291st M. P. Co.	5	2
184th Ord. Det.	4	3
B Co. STC	3	4
French Det.	2	5
Hq. Co. UTC	1	6

"High Scorers"

Names	F.G.	F.T.	F.T.A.	Pts.	Total
McMillian	63	17	35	143	
McKinney	49	19	24	117	
Stone	41	14	25	96	
Merkerson	37	12	30	86	
Robson	37	11	15	85	
Harris	36	11	19	83	
Weidmann	34	15	20	83	
Anderson	32	15	23	79	
Hunt	29	16	22	74	
Fuller	30	10	21	70	

New Testament Course To Be Offered By WHNT

Sunday night at the Redstone Arsenal Post Chapel worshippers had a preview of the college level TV course, "Introduction to the New Testament" which will be seen every Saturday on WHNT-TV, Channel 19, from 11:30 a.m. to 12:30 p.m.

The program is co-sponsored by the Huntsville Ministers Association, WHNT-TV, and Athens College which will offer 2 quarter hours elective credit for each semester of 13 weeks.

If enough interest is evinced Chaplain R. Lane Andrist will try to procure a television set for the Fellowship Hall to be used while the course is being televised on Saturdays.

Col. C. D. Sterner, new leader of the evening service, conducted the lecture portion of "Introduction to the New Testament's Lesson 10 — Paul's Letter to the Phillipians" which was shown Sunday night.

Dr. Edward W. Bauman, Associate Professor of Philosophy and Religion at American University, and Professor of Theology and Christian Ethics at Wesley Theological Seminary in Washington, D. C. is the instructor. His approach is entirely non-sectarian.

Those registering can do three things, elect to pay for college credit from Athens College, or for a certificate of credit from the Huntsville Ministerial Association and complete the written work as well as take an examination; or

work for non-credit and not take the examination. In any case a Telecourse kit will be supplied for those taking the course which received an Emmy and several other awards for Educational TV in 1963.

Each lesson has two parts: the first half hour is a lecture on a given topic; the second half hour is an unrehearsed discussion between the instructor, occasional guests, and the television studio class.

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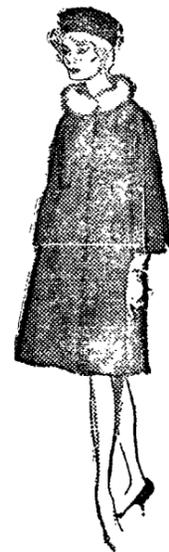
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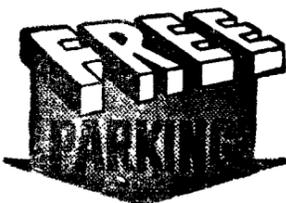
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Births At Post Hospital

Maria Aline Stroup, 7 lbs., 6 ozs., Dec. 15, daughter of CWO and Mrs. Jonathan Stroup.

Joseph Allan Coulson, 7 lbs., 1½ ozs., Dec. 16, son of SSgt. and Mrs. W. B. Coulson.

Edwin Scott Hicklen, 6 lbs., 4¼ ozs., Dec. 18, son of SSgt. and Mrs. Wyma J. Hicklen.

Claude Brett Bassham, 9 lbs., 1½ ozs., Dec. 18, son of AF SSgt. and Mrs. Donald M. Bassham.

Donald Raymond Peperak, 9 lbs., 3¼ ozs., Dec. 19, son of SSgt. and Mrs. Andrew A. Peperak.

Toycar Ann Hargrove, 5 lbs., 5¼ ozs., Dec. 19, daughter of Sp5 and Mrs. Tommie Hargrove.

Allen Martin Anderson, Jr., 6 lbs., 3½ ozs., Dec. 20, son of Sp5 and Mrs. Allen M. Anderson.

Patrick Brian Lloyd, 9 lbs., 15 ozs., Dec. 21, son of Maj. Ret. and Mrs. Walter R. Lloyd.

Karla Michelle Hansen, 5 lbs., 7½ ozs., Dec. 27, daughter of Lt. Col. and Mrs. Carl H. Hansen.

Tammy Faye Raborn, 6 lbs., 2½ ozs., Dec. 28, daughter of Sp4 and Mrs. Nolan Raborn.

Linda Ren'e Martin, 9 lbs., 10 ozs., Dec. 28, daughter of Capt. and Mrs. William D. Martin.

Lisa Lynette Teegarden, 6 lbs., 13½ ozs., Dec. 30, daughter of Sfc. and Mrs. Paul H. Teegarden.

James Willard Caughron, 6 lbs., 6 ozs., Dec. 30, son of Sp4 and Mrs. James W. Caughron.

Margaret Elizabeth Otto, 8 lbs., 11 ozs., Dec. 27, daughter of Lt. Col. and Mrs. Earl F. Otto.

Dana Lynn Alcock, 7 lbs., 7¼ ozs., Dec. 27, daughter of First Lt. and Mrs. Charles G. Alcock.

Kenneth Lee Hollifield, 6 lbs., 14½ ozs., Dec. 13, son of Cpl. and Mrs. Buddy M. Hollifield.

Michael Scott Cothren, 7 lbs., 6 ozs., Dec. 31, son of A/2c and Mrs. Thomas M. Cothren.

Michael James Durden, 6 lbs., 9 ozs., Dec. 31, son of 2/Lt. and Mrs. James H. Durden.

Howard Jeffrey Smith, 7 lbs., 6 ozs., Jan. 1, son of Sp6 and Mrs. William H. Smith.

Ruben Reyes, 7 lbs., 2½ ozs., Jan. 3, son of Sfc. and Mrs. William Reyes.

Jill Kathleen Braden, 7 lbs., 14½ ozs., Jan. 4, daughter of Cap. and Mrs. Richard P. Braden.

Althea Rae Allison, 8 lbs., 13½ ozs., Jan. 4, daughter of Sp4 and Mrs. William H. Allison.

Karen Ann Polston, 6 lbs., 15¾ ozs., Jan. 5, daughter of Sp4 and Mrs. Edward H. Polston.

Lora Ann Borm, 8 lbs., ½ oz., Jan. 6, daughter of Sp4 and Mrs. Gerald M. J. Borm.

Kenneth Wayne Hester, 7 lbs., 11 ozs., Jan. 5, son of SSgt. and Mrs. Thomas H. Hester.

Angelika Silvia Kunisch, 7 lbs., 14½ ozs., Jan. 7, daughter of Sp5 and Mrs. Horst K. Kunisch.

I am a hearty believer in the principles of civil service reform and shall take pleasure at all times in doing what I can to promote those principles in practice.

—Woodrow Wilson



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NEW MURAL FOR P&P—Col. E. V. Lau (center), director of the Army Missile Command's Procurement and Production Directorate, admires the lovely mural which now hangs in the lobby of P&P. With Col. Lau are Fred Neal (left) and Ben Humphries who jointly did the painting. Measuring 4 by 15 feet, the mural depicts the "evolution" of land at Redstone Arsenal from the days of the

settlers to its present use in the development of missiles. Humphries, Chief of the Visual Administration Branch of the Administration Office and Neal, an illustrator, worked on the mural for nearly five months on a time available basis.

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SOCIAL ^{and} CLUB EVENTS

Mrs. Sterner Wins At Party Bridge

The Bridge Group sponsored by the Redstone Arsenal Officers Wives Club on Thursday mornings drew eight tables of players last week to the Squirrel Hill Officers Club.

Winners were Mrs. C. D. Sterner, high; Mrs. A. Q. Woodward, second; and Mrs. E. M. Krembs, third.

All members and associate members of the wives club are eligible to play. The Group meets each week at 10 a.m.

Reservations are handled by Mrs. Krembs, 877-5379 or Mrs. William Mattis, 539-4566.

Sojourners Install '64 Slate Of New Officers

At a dinner meeting last Friday night at the Redstone Officers' Club, Redstone Chapter No. 353 of the National Sojourners installed the 1964 slate of officers.

CWO John C. Dodd is the new president. Col. Norman T. Dennis is the first vice president.

Completing the slate are Maj. Joseph A. Justin, USAR (Ret.) second vice president; Maj. R. J. Quantz, third vice president; Lt. Col. Raymond B. Bates, USAR (Ret.) secretary and Maj. James Nixon, USAR, treasurer.

Col. John M. Palmer (Ret.) and CWO William Turton (Ret.) of Anniston, were the installing officers.

Heroes Of '76 Hold Installation

Following a dinner meeting last Friday at the Squirrel Hill Officers Club, Monte Sano Camp, Heroes of '76 installed the 1964 slate of officers.

The ceremony conducted by Col. John M. Palmer, USA (Ret.) and CWO William Turton, USA (Ret.) of Anniston, Ala., followed the Sojourner ceremonial, held in the Rocket Room.

Lt. Col. Glen B. Keith, USAR (Ret.) was installed as Commander. CWO John C. Dodd, is the new Chief-of-Staff.

The new Assistant Chiefs-of-Staffs are Lt. Col. Theo. J. Combel, USAR; Lt. Col. Carl W. Hartman, and Maj. Joseph A. Justin, USAR (Ret.).

The 1964 Adjutant is Cdr. John H. Graham.

TV-Motion Picture Men Schedule Tues. Meeting

The Huntsville Section of the Society of Motion Picture and Television Engineers will meet in the Rocket Room of the Squirrel Hill Officers Club at 7:30 p.m. Tuesday, Jan. 21. Dinner begins at 8 p.m.

The meeting will be highlighted by two lectures, one on the arriflex camera line, and the other on the subject of image conversion photography.

Victor James, vice president of the Arriflex Corporation, will discuss such special and unique ap-



PROMOTION PARTY—Maj. Gen. John G. Zierdt receives congratulations from Dr. Wernher von Braun for his appointment to major general during the party given in honor of his promotion while Mrs. Zierdt (second from right) and Mrs. von Braun talk. The party was held at the Squirrel Hill Officers Club. Well-wishers from the community as well as military and civilian co-workers at the Army Missile Command and the Marshall Space Flight Center turned out to honor the new Major General.

plications of Arriflex camera equipment as time-lapse and stop-motion photography.

Joseph J. Hicks, vice president of Abtronics Corporation, will demonstrate the Model Five Electronic Camera and lecture on aspects of image conversion photography and its ultra high speed applications.

Government employee suggestions, a rich source for economies and greater efficiency in Government, reflect the ingenuity and alertness on which we Americans pride ourselves.

Army Daughters Give

The Junior Army Daughters Association at Redstone Arsenal donated \$100 to the Salvation Army as a Christmas Charities project.

The money was turned over to Salvation Army Capt. Robert White by the group's treasurer, Nancy Nielson, and President Lynn MacDonnel. Capt. White informed the girls that their donation would brighten Christmas for four large families.

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Speaking of Beauty

By Evelyn Quick

Mrs. Quick has just returned from Denver, Colorado where she participated in the release of the new Spring and Summer Hair Fashion Forecast and presents to you "The Leap Year Collection Forecast" by Constance Charm.



LEAP YEAR COIFFURE COLLECTION FORECASTS

By Constance Charm

Leap Year is a woman's year! To emphasize this, hairdressers are going all out with a Leap Year Coiffure collection that heralds the return of the woman in hair fashions for 1964 Spring and Summer.

Gone are the little boy and the little girl fads, as well as the space balloons and bubble heads of other seasons. The woman is here for Leap Year . . . imaginative, romantic, truly feminine.

The Leap Year Coiffure Collection is being introduced by the Official Hair Fashion Committee of the National Hairdressers and Cosmetologists Association, the hair fashion authority of the beauty profession.

Styles in the collection represent several feminine moods, and are just as flexible as clothing fashions for the season. Some are smooth, some are ruffled, all are soft. All are small and graceful, intuitively aware of the head shape beneath. A big interest will be on parts, long and short, either at the sides, or at the center, straight, or angled.

Daytime coiffures are free and easy, of elegant simplicity. After dark coiffures tend towards a romantic mood that can face morning with confidence. Imaginatively desirable for that special occasion, they can be transformed easily into a young and natural look for daytime activities.

Most of the coiffures in the collection have a slightly asymmetrical silhouette. For evening, the hair at the crown area features extra height dramatically dressed into lacy curl patterns, while hair at the sides is dressed forward or back, hugging the head gently. New attention is given to the line movement at the back, which is frequently combed into a soft blouson effect. However, no one view holds the center of interest. Now, the front, sides, as well as the back, all contribute to the importance of the entire hairdress. This gives the new coiffures a decidedly 3-dimensional importance. Whichever way you turn your head, the effect must be elegant, appealing, and feminine.

Daytime coiffures also feature 3-dimensional hairdressing with hair generally brushed from a slight and softened rise at the crown, downward into shiny, smooth motion of soft waves, or into well-placed ruffles and waved frills.

Secret of the new styles is superb hair shaping to give new freedom to the coiffure, and to establish the custom fit of an elegantly shaped head. Add to this a soft professional permanent wave that is now more important than ever before, particularly for the understated and more simple styles, and you have easy-to-manage softness in hair that swings and moves.

Hair at the back of the head is long enough to dress into a blouson effect. Hair at the crown is generally longest, ranging as high as seven inches when needed.

Among hair colors, blondes will become truly important again, with reds and natural brownettes vying strongly for attention. However, of outstanding importance will be the plural use of color, a tone on tone effect achieved with two or three tones of a single color for a coiffure. Regardless of the color, your coiffure must have the high sheen of soft and naturally healthy hair for a season that demands a young and fresh new outlook. Consult your cosmetologist for the hair conditioning you need to eliminate any possible tinge of winter dullness.

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Redstone's Scientific Information Center Entertains Top-Level Visitors

The newly-completed facilities of the Redstone Scientific Information Center will be visited Friday by top-level administrators specializing in technical information from several agencies in Washington.

Maj. Gen. John G. Zierdt, commanding general of the Army Missile Command, and Dr. Wernher von Braun, director of the Marshall Space Flight Center, plan to visit the Center on the same day.

Washington visitors include Melvin S. Day, director, Office of Sci-



COL. A. A. AINES

capable of conducting investigations to answer any scientific question in depth. An Information Program Branch concerned with improving information systems is also a part of the Center.

The visitors will tour facilities which take up most of Bldg. 4484 from 9 to 10 a.m., and the remainder of the day will be spent in briefings for the Washington visitors on the Center's activities.

The Center was organized to provide services to both the Army Missile Command and the Marshall

government contracts. A branch office of the Defense Documentation Center, administered by the DSA in Washington, is attached to the RSIC organization.

At The Service Club

By: Brenda Hanson

The North wind doeth blow, and we shall have snow . . . Well, maybe, not so much snow now, but there is going to be some pretty nasty weather blowing in this month and next. It's going to be nice weather for staying indoors, and the best place to do it is at the Service Club. We'll see if we can't have some programs here that will help to keep you warm.

We have a whole new year ahead of us, new people to meet, new things to do. We've got three-hundred and sixty-five brand new shiny days to fill up with the experiences that are going to turn into the memory of 1964 about this time next year. What kind of memories they are, of course is up to you. We at the Service Club are going to see if we can't make at least some of those days pleasantly memorable for you.

On Wednesday night the 15th, the Junior Hostesses will meet at 7 p.m. We urge all the hostesses to attend the meeting and help plan the February program. Light snacks will be served at 8 p.m. So stay around.

Thursday night is the night for the weekly meeting of the Bridge Club. If you play Bridge, come down and join the sessions. Then, if you don't play, and would like to learn, we have a class starting at 7:30 p.m. each Thursday evening. The very basic steps of bridge will be taught, so don't be hesitant about coming because you don't know anything about the game. These people make the best students.

Friday night, we have a contest on schedule to suit the taste of

you brainy missilemen. A pinochle contest is on the schedule for Friday at 8 p.m. Prizes will go to the winner. Why not try your luck.

Due to the many requests for a bridge party, we have scheduled one Saturday at 7:30 p.m. Prizes will be given to the winning team. Too, on this day, we have coffee call at 2 p.m. Make it a point to come to the Service Club and enjoy an evening of cards.

Sunday, we begin the day serving coffee and donuts at 9 a.m. We climax the day with a Record Dance at 8 p.m. The dance will swing out under the theme of "Blizzard Whirl."

Monday, we have an evening of games planned at 8 p.m. We have several nice prizes to be given away. Come at 7 p.m. try your

luck. It's free, why not?

Tuesday night at 7 p.m. is dance instruction. If you would like to learn various dance steps in ballroom dancing, come join the class.

MISCELLANEOUS:

For the remainder of the month, we have quite an extensive program. Some of the highlighted programs that you will not want to miss are the "January Revue," a dance exhibition by students of Irene Jones; a musical program by the German students, and an "Ole Fashion Hoedown," an evening of Square Dancing. Be sure not to miss any of these programs.

If you're one of those who have a tax refund coming to you—why not take it in U. S. Savings Bonds?



MELVIN S. DAY

entific and Technical Information, National Aeronautics and Space Administration; Col. Andrew A. Aines, director of Army Technical Information, Office of Research and Development, Department of Army; Dr. Robert B. Stegmaier, Jr., Administrator of the Defense Documentation Center; and Fred Koether, Technical Information Office, Advanced Research Projects Agency.

Friday will mark the first formal showing of the Center since all facilities have been moved into Building 4484. In addition to an extensive technical library, the Center includes a Translation Branch, and a Research Branch



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Space Flight Center, plus industrial concerns working on related

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Boeing Gets \$15 Million Contract For ARPA Work

The Advanced Research Projects Agency Jan. 10 announced the award of a \$15,599,775 contract to the Boeing Company for development of a new high-acceleration experimental missile booster.

The contract will fund work for project HIBEX (Hi G Boost Experiment), a research experiment investigating high performance missile boosters.

The program calls for new developments in booster and control technology which would be required in search of ballistic missile defense systems.

The contract is being administered by the U. S. Army Missile Command. The Missile Command will monitor the program for ARPA.

Boeing will perform the work at Seattle, Wash., as another step in the overall Department of Defense research program in the area of effective intercontinental ballistic missile defense.

The Boeing Company was selected several weeks ago by ARPA after a competition involving several qualified contractors and after proposals had been subjected to detailed evaluation by ARPA, assisted by a number of

organizations possessing a high degree of skill in the areas of competence involved.



MAJ. L. A. STANLEY, JR.

School Names Fund Drive Chairman, Maj. Stanley

School Troop Commander Maj. Leonard A. Stanley Jr. has been appointed chairman of the Ordnance Guided Missile School Fund Raising Campaign of the National Health Agencies and Federal Services Joint Crusade for 1964.

The fund-raising drive began Jan. 7 and will continue until April 30.

Participating health agencies this year are: The American Cancer Society, the American Heart Association, the Arthritis and Rheumatism Foundation, the Muscular Dystrophy Association of America, the National Association for Mental Health, the National Association for Retarded Children, the National Crystic Fibrosis Research Foundation, the National Multiple Sclerosis Society, the National Society for Crippled Children and Adults, the National Society for Prevention of Blindness, and the United Cerebral Palsy Associations.

The Federal Service Joint Crusade participants are the American-Korean Foundation, CARE, Project Hope and the Radio Free Europe Fund.

Movie Schedule

WEDNESDAY, January 15

"The Marriage-Go-Round" (M)

THURSDAY-FRIDAY, January 16-17

"Love With the Proper Stranger" (M)

SATURDAY, January 18

"40 Pounds of Trouble" (F)

SUNDAY-MONDAY, January 19-20

"Taras Bulba" (M-YP)

TUESDAY, January 21

"Paris Pick-Up" (M)

Two shows nightly at 6 and 8:30 p.m., Saturday matinee at 1 p.m., and Sunday matinee at 2 p.m.

YOUR NEW BOOK STORE

THE BOOK INN

HEART OF HUNTSVILLE SHOPPING CENTER

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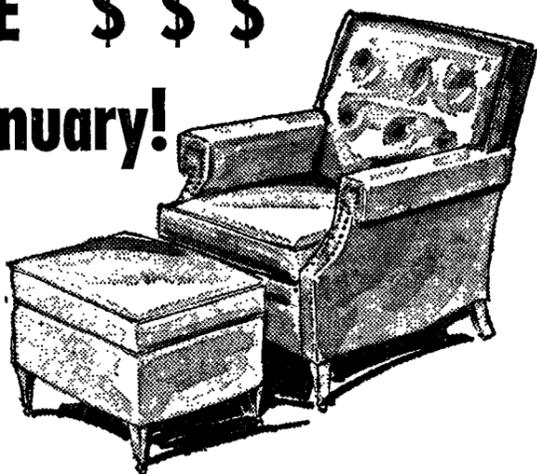
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OUR OK USED CARS ARE REALLY OK. SPEEDOMETERS ARE NEVER SET BACK AND TIRES ARE NEVER REGROOVED.

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1960 No. 1084 Olds 4-dr. 88, air cond., V-8, radio, heater, power steering, power brakes	\$1495
1960 No. 1088. Plymouth 4-dr. Fury, V-8, automatic trans., radio, heater, air cond. A real buy	\$995.
1962 No. 1090 Ford 4-dr. Station Wagon, V-8, radio, heater, auto. trans., power steering.	\$1995
1962 No. 1107 Ford 4-dr., V-8, automatic transmission, radio, heater, air cond.	\$1795
AS IS BARGAINS	
1958 No. 874 vhcerolet 4-dr., V-8, automatic trans., radio, heater, air cond.	\$550
1957 No. 928 Chevrolet 4-dr. Bel Air, V-8, radio, heater. A real buy.	\$495
TRUCKS	
1961 No. 788. Chevrolet 1/2 ton pickup, 6 cyl., std. trans., heater. A bargain.	\$995
1961 No. 1004 Chevrolet 2 ton truck, 2 speed rear axle, heater, new tires, long wheel base	\$1795
1962 No. 1030 Chevrolet 2 ton L.W.B., 2 speed rear axle. H.D. springs, heater.	\$2195
1961 No. 1040. Ford Ranchero 1/2 ton pickup, 6 cyl., radio, heater.	\$1095
1958 No. 5. Chevrolet 1/2 ton pickup, std. trans., heater, 6 cyl.	\$595
1959 No. 861. Chevrolet 4-Dr. Sta. Wagon, V-8, automatic trans., radio, heater.	\$995
1960 No. 866-A. Chevrolet Conv., 250 H.P., V-8, radio, heater, standard trans.	\$1395
1961 No. 959 Comet 4-dr., radio, heater, std. trans., Nice.	\$995.
1961 No. 965 Cadillac conv., air cond., full power, radio, heater. Nice.	\$3295
1962 No. 986 Chevrolet Conv., 4 speed trans., radio, heater, 409 V-8, Super Sport. You must see this one.	\$2250
1960 No. 997. Chevrolet 4-dr. Sta. Wagon, 6 cyl., radio, heater, std. trans.	\$1175
1960 No. 1003 Corvaire 2 dr., radio, heater, std. trans.	\$895
1961 No. 1018. Corvaire 4-dr., radio, heater, std. trans. Sharp.	\$1195
1963 No. 1035. Chevrolet 4-dr., Impala, V-8, radio, heater, std. trans. New car warranty.	\$2295
1963 No. 1051 Chevrolet Impala Sport Coupe, V-8, radio, heater, std. trans.	\$2495
1962 No. 1053. Chevrolet 2-dr., V-8, std. trans., radio, heater.	\$1395
1959 No. 1078. Chevrolet Impala Coupe, 250 H.P., V-8, radio, heater, automatic trans., power steering.	\$1095

Hill Chevrolet Co.

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Emphasis Placed On Dental Health

With National Children's Dental Health Week coming up Feb. 2-8 Lt. Col. James T. Thompson, Dental Surgeon in the Army Missile Support Command, is re-emphasiz-

ing "prevention of oral disease as the primary aim of the Dental Service of the U. S. Army Hospital here."

The plan of attack is similar to the methods used by the Ordnance Corps. A system of preventive maintenance checks to prevent breakdown. Colonel Thompson said that Ordnance personnel realize the need of first and second echelon maintenance care and should easily adapt to the program.

"First echelon maintenance is cleaning the mouth properly, limiting between meal snacks, drinking fluoridated Huntsville water, using a fluoridated toothpaste, and other aids to prevent oral disease," he stated.

"Second echelon is inspection. These inspections can be done by company commander, father, mother, advisor, or anyone who knows the value of good healthy teeth and gums," he said.

His third echelon is evacuation

to the dental clinic where preventive practice is still the byword. If dental home care or first and second echelon maintenance has been accomplished, then repair is simple," he said, "not time consuming, or costly. If preventive maintenance has not been accomplished then the case becomes hopeless. In Ordnance circles a hopeless case is turned over to salvage.

"This is also necessary dentally because complete overhaul is impossible. Stop-gap care must be given to alleviate pain and allow the person to continue to function but the whole apparatus is not an efficient healthy machine and more breakdown will occur.

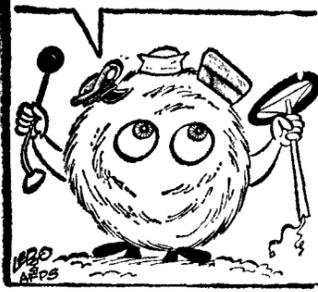
"In dentistry this means re-doing stop-gap measures by removing teeth. Eventually full dentures and a 45 per cent effective grinding machine results along with other functional changes in the body.

"The program of preventive maintenance of the oral cavity involves (1) patient education, both individual instruction and group instruction, (2) recurrent examinations and elimination of condi-

tions which require early treatment, (3) establishment of a preventive dentistry clinic for patient education, prophylaxis and topical fluoride treatment, (4) training of voluntary help to increase capabilities for dental care," the colonel concluded.

FOOF'S SPOOFS

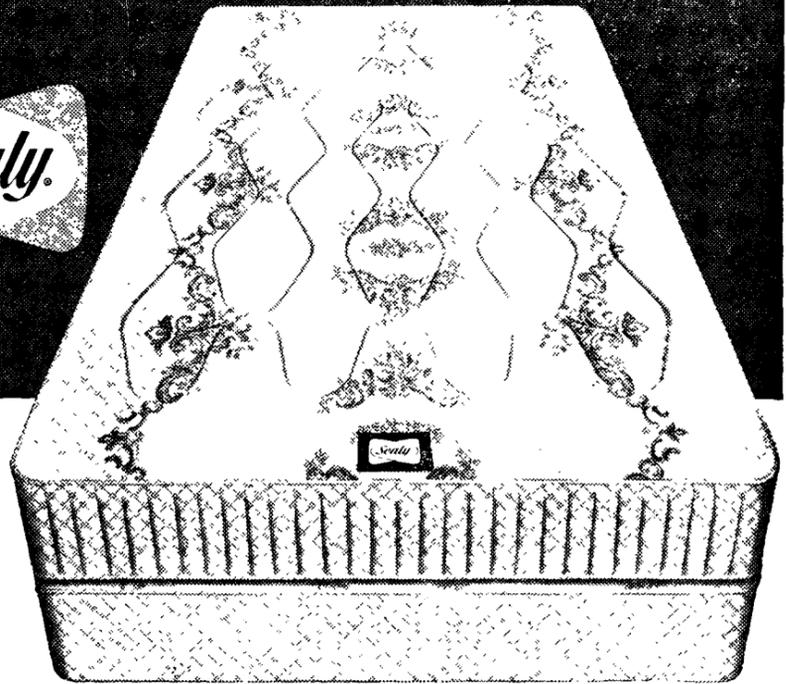
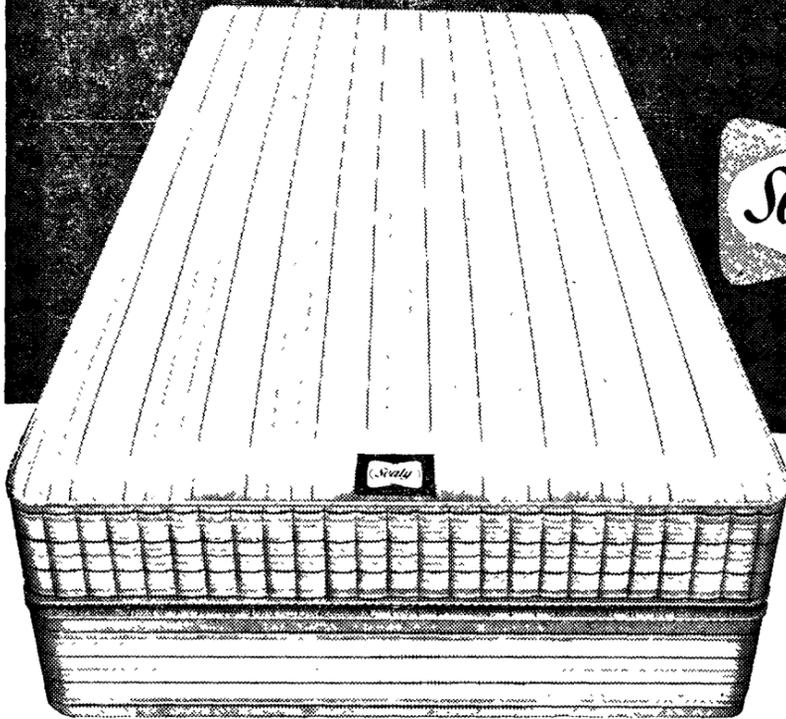
IF ALL THE AUTOS IN THE UNITED STATES WERE PLACED END TO END, IT WOULD BE SUNDAY AFTERNOON.



SOLDIER OF THE MONTH—Pfc. Ronald Robinson is congratulated by Col. Thomas W. Cooke, AMSC Commander for winning Post Soldier of the Month. Pfc. Robinson is a student in HAWK Pulse Acquisition Course, OGMS. First Lt. Robert E. Jackson, CO, 1st ETC, STC, USOGMS, is at left. From Clearwater, Florida, he is a graduate of Florida State University with a degree in Industrial Management. Prior to entry in the Army, he served as an assistant manager for a roofing distributor.

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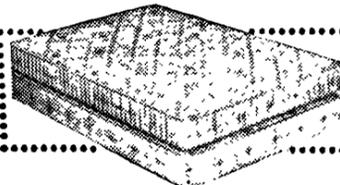
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Sealy 83rd Anniversary

A bedding set with a 10 year guarantee... the same guarantee found on a Sealy mattress priced at \$59.50. Now Sealy's firm 83rd Anniversary Mattress merits the same guarantee of mattresses costing almost \$20 more! Come in today and compare these fine features.

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- Exclusive Sealy Edge Gards*
- Pre-built borders for added support

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No morning backache from sleeping on a too-soft mattress **\$79.50**

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- Edge Gards* prevent sagging borders

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Thiokol Reaches 3 Million Man Hours Without Mishap

The Huntsville Plant of Thiokol Chemical Corporation's Alpha Division established an outstanding record in safety by working over 3,000,000 manhours without disabling injury. The record was reached Jan. 3, 1964, and extended from Feb. 7, 1963, for a total of 330 days. The injury free record is still in progress.

Congratulatory telegrams were received by the Plant from J. W. Crosby, Thiokol Chemical Corporation President, and from Howard Pyle, President of the National Safety Council.

Huntsville Plant Manager J. B. Galloway announced the achievement by a personal memorandum to each employee telling them that three two-dollar bills will be awarded to them. It is a policy of the Plant to award employees two dollars for each 1,000,000 manhours worked injury free.

Official observance of the occasion took place Friday, with a ceremony to commemorate the safety record. Dignitaries present included Maj. Gen. John G. Zierdt, Commanding General of the U. S. Army Missile Command, Col. Thomas Cooke, Commander of the U. S. Army Missile Support Command, Jack Giles, Director of the Alabama State Industrial Relations Department, Huntsville Mayor R. B. Searcy, Chairman of the Madison County Board of Commissioners James Record, and Gatewood Jackson of the Travelers Insurance Company. Also present for the ceremony were Thiokol's Alpha Division General Manager, John H. Goodloe, and other management personnel from the Division Headquarters.

They joined with Huntsville

Plant management personnel, Plant Safety Committee members and other groups interested in Huntsville Plant's operation for the thirty minute observance. During the program it was announced that the Huntsville Plant has been selected by the National Safety Council to receive its highest award, the Award of Honor. Jack Giles presented the State of Alabama's Certificate of Merit to the management and workers of the Plant in recognition of their achievement, and Gatewood Jackson, Travelers Insurance Company, made the presentation of an award on behalf of his company.

A record of three million manhours without disabling injury is recognized throughout all industry as an extraordinary achievement. According to national statistics, 6 workers are killed or disabled on the job every 1,000,000 manhours worked. Based on these figures, the Huntsville Plant has saved 18 workers from injury during the period. The national frequency rate of disabling injuries for all industry is 6.19 for each 1,000,000 manhours. Thiokol's Huntsville Plant frequency rate is 0.29.

The Plant has reached 1,000,000 manhours eleven times and has gone over the 2,000,000 manhour goal five times. The previous all-time high was 2,780,000 consecutive injury free manhours worked, which was set in July, 1958. This is the first 3,000,000 manhour record reached by the Plant.

J. F. Harbarger, Manager, Huntsville Plant Safety, was in charge of the ceremony commemorating the occasion.



PAY DIRT—Finding out what \$9372 in two dollar bills feels like is this group of Redstone Arsenal and Thiokol Chemical Corporation personnel. They were among those attending ceremonies at Thiokol Chemical Corporation's Alpha Division-Huntsville Plant Jan. 10 honoring the Plant's achievement of 3,000,000 consecutive accident-free man-hours worked. Each Huntsville Plant employee will receive three of the two-dollar bills. From left to right are: J. F. Harbarger, Manager of the Plant's Safety Office; John H. Goodloe, Alpha Division General Manager; Major General John G. Zierdt, Commanding General, U. S. Army Missile Command; J. B. Galloway, Huntsville Plant Manager; Bobby Pillow and Thomas E. Anders, both of the Plant's Pilot Line Department Safety Team.

All of HOPE's medical personnel, including physicians, dentists, pharmacists, nurses and medical technicians, volunteer their services to bring aid to the diseased and suffering in faraway ports.

Gen. Timberlake To Talk To ROA

Lt. Gen. Edward J. Timberlake will be the guest speaker when the Huntsville chapter of the Reserve Officers Association meets Friday, Jan. 17.

Gen. Timberlake is a native of Virginia and a graduate of West Point. Early in WW II, he commanded the 93rd Bombardment Group in England. This unit's heroic combat under Gen. Timberlake's leadership earned it the nickname "Ted's Flying Circus."

In 1944 Gen. Timberlake, as one of the planners of the Ploesti raids, assumed command of the 20th Combat Bomb Wing in the European Theater.

Since the war the General progressed upwards through commands of increasing responsibilities, seeing service in the Far East, NATO and Washington.

He now commands the nationwide Continental Air Command, headquartered at Robins AFB, Georgia.

The meeting will open with a social hour at 6:30 p.m. at the Squirrel Hill Officers' Club with dinner following at 7:30.

Guests from ROA chapters in Birmingham, Decatur and Muscle Shoals have been invited. All personnel interested in America's National defense posture are urged to attend.

Reservations are being taken by Lt. Col. Bill Potter at 876-8173; Lt. John Harris 876-1354; Lt. Col. Ben Keyserling at 876-8069; Lt. Col. John Edgar at 876-7104; and Lt. Col. Pete Redding at 876-6743.



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Do you have the right kind of wife for it?

- Can your wife bake her own bread?
- Can she get a kid's leg stitched and not phone you at the office until it's all over?
- Find something to talk about when the TV set goes on the blink?
- Does she worry about the Bomb?
- Make your neighbors' children wish that she were their mother?
- Will she say "Yes" to a camping trip after 50 straight weeks of cooking?
- Let your daughter keep a pet snake in the back yard?
- Invite 13 people to dinner even though she only has service for 12?
- Name a cat "Rover"?
- Live another year without furniture and take a trip to Europe instead?
- Let you give up your job with a smile?
- And mean it?
- Congratulations.

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Corvaire four door, solid white, low mileage. \$1295.
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Two door Sport, 4 in the floor, like new. \$1795.
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Convertible, full power and air conditioning. \$2395.
- 1963 Chevrolet**
Impala sport sedan, V-8, automatic shift, low mileage. \$2495.
- 1960 Buick**
LeSabre two door, power, like new. \$1395.
- 1963 Studebaker**
Four door, 281 actual miles. A jewel. \$1695.
- 1962 Chevrolet**
Impala four door hardtop, power, beautiful gold finish. \$2195.
- 1962 Pontiac**
Bonneville two door hardtop, full power, beautiful turquoise with matching interior. \$2495.
- 1963 Chevrolet**
Super sport, bucket seats, straight shift, a steal at \$2495.

- 1959 Plymouth**
Fury two door hardtop, power, beautiful light blue. A real buy. \$995.
- 1961 Pontiac**
Two door hardtop, power, beautiful red with matching interior. New tires. \$1895.
- 1959 Ford**
Four door, solid white, automatic shift. \$695.
- 1962 Dodge**
GT hardtop, bucket seats, straight shift, one owner. \$1495.
- 1954 Pontiac**
Four door, jet black. \$145.
- 1954 Chevrolet**
Two door hardtop. Red finish. \$95.
- 1953 Ford**
F-300 pickup. \$195.
- 1954 Chevrolet**
1/2 ton pickup, runs right. \$295.
- 1960 Volkswagen**
Pickup \$695.
- 1955 Ford**
V-8, two door, clean, radio, heater, automatic shift. \$195.

- 1951 PLYMOUTH 4-Door \$35**
- 1949 DODGE 1/2 Ton Pickup \$85**
- 1954 LINCOLN Capri \$95**

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Dr. Neely To Direct Thiokol Research And Engineering

Dr. T. A. Neely has been named Director of Research and Engineering at the Huntsville Plant of Thiokol Chemical Corporation's Alpha Division. The announcement by Huntsville Plant Manager J. B. Galloway also named W. E. Hunter



DR. T. A. NEELY

as Manager of the Plant's Chemistry Department, the post vacated by Neely, and J. D. Martin, a Senior Chemist, as Section Chief in that department to fill the position formerly occupied by Hunter.

In his new position, Neely will be responsible for the entire research and engineering effort of the Huntsville Plant in support of current projects, both contracted and proposed. Four departments will report to him, Chemistry, Engineering, Process Development and Engineering, and Advanced Concepts.

Dr. Neely joined Thiokol in 1956 as a Research Chemist in solid propellant research and development. In 1958 he advanced to the position of Senior Chemist and Chief of the High-Energy Fuels Group of the Chemical Research Department. He assumed a position in Research Management in 1959 and shortly thereafter was named Project Manager, Research Projects. In 1960 Neely became Manager, Chemistry Department, the position he held until his appointment as Director, Research and Engineering.

A graduate of Centre College with a Bachelor of Arts degree. Dr. Neely received his Master of Science degree from Auburn University and his Doctor of Philosophy degree in Physical-Organic Chemistry from Kansas State University. He has been elected to a number of honorary societies including Phi Lambda Upsilon and the Society of the Sigma Xi. He is a member of the American



W. E. HUNTER

Chemical Society, the American Institute of Aeronautics and Astronautics, and is a fellow of the American Institute of Chemists. As Manager of the Huntsville

Plant Chemistry Department W. E. Hunter will direct and administer the basic chemical research and propellant development activities carried out by the Plant. Prior to assuming his new duties, Hunter was Chief, Advanced Propellants Section within that department, having served in that position since 1958.

Hunter has been with Thiokol since 1952. His primary efforts have been in the area of propellant research and development, and he is responsible for development of a new Thiokol polymer now used in most of Thiokol's advanced solid propellants.

A 1952 graduate in Chemistry from Vanderbilt University, Hunter is a member of the American Chemical Society. He has authored a number of technical papers.



J. D. MARTIN

Named Chief of the Advanced Propellants Section of the Chem-

Religious Services

RELIGIOUS SERVICES—POST CHAPEL—BLDG. 3714

PROTESTANT

SUNDAY — 1000 and 1115 hrs., General Protestant Services. (Chapel Nursery open during these Services.)

Church School — 1000 hrs. — ages 3 years to adult. Classes for children and young people, grades 1 through 12, meet in Chapel Annex, Bldg. 3151. All military and civilian personnel, and their families are welcome.

Sunday Evening Worship—1900 hrs.

CATHOLIC

SUNDAY — Masses — 7:30 a. m., 8:45 a. m., and 12:30 p. m. and 5 p. m. at the Post Chapel.

Mass — 11:15 a. m. at Chapel Annex, Building 3151.

(Chapel Nursery open during Masses at Post Chapel only.)

TUESDAY — Perpetual Help Novena — 7:30 p. m.

Confessions — 8 p. m., Choir Practice, 8-9 p. m.

SATURDAY — Mass — 10 a. m. at Chapel Annex, Bldg. 3151.

Catechism classes — 9:45 a. m. to

istry Department, J. D. Martin will be responsible for chemical research at the Huntsville Plant in the fields of propellant physical property improvement and high-energy propellants. Since joining Thiokol in 1958, Martin has been primarily concerned with research and experimentation on high-energy fuels and their components.

Martin received both his Bachelor and Master of Science degrees from Purdue University. His Master's degree is in Organic Chemistry. He is a member of the American Chemical Society and the American Institute of Aeronautics and Astronautics.

11:45 a. m. at Chapel Annex. DAILY MASS — 11 a. m., Tues. through Friday at Post Chapel. BAPTISMS — By appointment only.

REDSTONE PARK CHAPEL—BLDG. 9600

SUNDAY — 0945 hrs. — Sunday School. 1100 hrs. — Morning Worship Service. 1800 hrs. — Youth Fellowship for all young people, age 9 or grade 4 and up. 1900 hrs. — Evening Worship Service. (Nursery is open for both Services.)

JEWISH SERVICES

Conservative Jewish services will be held weekly each Friday at 2000 hrs. and each Saturday at 1000 hrs. at 2333 Poincianna Street, SW, Huntsville, behind the

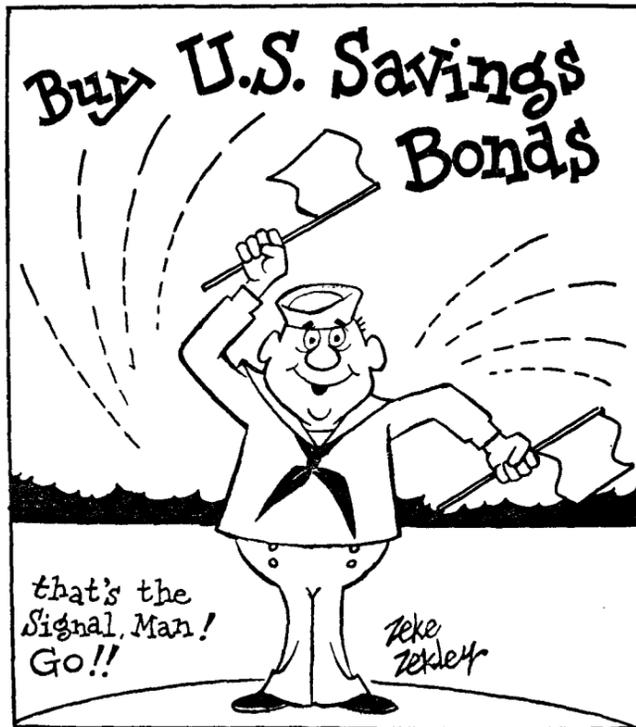
Scottish Rite Temple which is located at 314 Bob Wallace Avenue, SW.

Reform Jewish Services are held at Temple B'Nai Sholom, 2000 hrs. Friday, at the corner of Lincoln & Clinton Streets, SE, Huntsville. Sunday School at 0930 hrs.

For further information concerning these Services, contact Rabbi Stein, 536-4771.

CHRISTIAN SCIENCE SERVICES — SUNDAY — 1100 HRS.

Wednesday services are held at 2000 hrs. at S. White and Wells Avenue, Huntsville. For further information or transportation, call Christian Science Armed Services Minister, Collect 776-2791.



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 ● Radio and Heater
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 ● Radio and Heater
 ● All Power Features
 ● Low Mileage
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1963 COMET 4-DOOR
 ● Radio and Heater
 ● Auto. Transmission
 ● Like New
 No. F-95B
\$1750

1963 FORD GALAXIE "500" 2-DR. HARDTOP
 ● 390 H.P. V-8
 ● Radio and Heater
 ● 4 Speed Shift in Floor
\$2475

1963 FORD GALAXIE "500" 4-DOOR
 ● Radio and Heater
 ● All Power Features
 ● Air Conditioning
 No. F-252A
\$2750

1962 MERCURY MONTEREY 2-DOOR HARDTOP
 ● Radio and Heater
 ● All Power Features
 ● Bucket Seats
 No. TB-3A
\$1850

1962 CHEVROLET BEL AIR 4-DOOR
 ● Radio and Heater
 ● Auto. Transmission
 ● Low Mileage
 No. F-400A
\$1750

1963 FALCON 4-DOOR
 ● Radio and Heater
 ● Auto. Transmission
 ● Like New
 No. R-263A
\$1750

1962 FORD "GALAXIE "500" 4-DOOR
 ● Radio and Heater
 ● Auto Transmission
 ● Low Mileage
 ● Black
 No. F-305A
\$1750

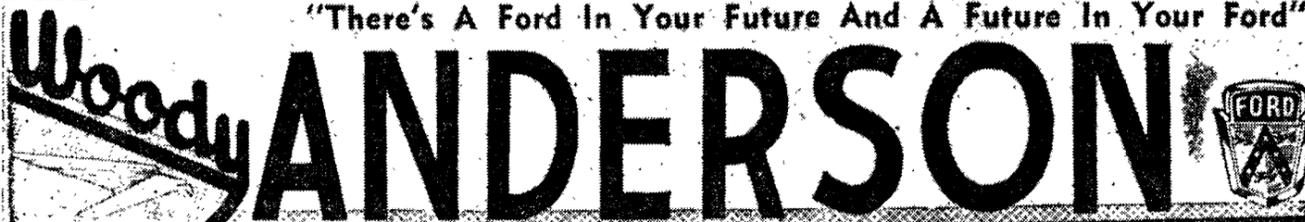
1962 FORD "GALAXIE "500" 4-DOOR
 ● Radio and Heater
 ● Auto. Transmission
 ● Very Clean
 ● White
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Page 14 The Redstone Rocket — January 15, 1964

1. For Rent

FOR RENT — 5 room, unfurnished apartment Located at 2304 Whitesburg Drive, \$125 per mo., heat furnished. Call 534-0183. 1-22c

WATERFRONT COTTAGE FOR RENT — Completely furnished, two bedroom, fire place, large livable area, fishing dock. Pine Island S/D—One month or long lease ED NEELY REAL ESTATE, Box 224, Guntersville, Ala., 582-3914. 1-22c

FURNISHED—1 or 2 bedroom apartments on dead-end street away from noise, yet very convenient to Gates 1, 8 and 9. Call 536-0775. tfc

ROOMS FOR RENT—Single and double for men with good habits, completely and newly decorated, economically priced. Central Y.M.C.A. Dial 534-6452. tfc

FOR RENT—Two nicely furnished 3 room apartments, private bath, tub and shower, private entrance, off street parking, natural gas heat, 417 and 419 East Clinton Ave., Couples only \$75.00 per mo. Also one 2-room bachelor apartment, upstairs, 419 E. Clinton St., \$60.00 per mo. Phone 534-5127 or 534-4551. tfc

FOR RENT — TV's, portables, UHF-VHF, by day, week or month. Phone 535-9761. Central TV and Stereo Co., Inc., Corner Governors Drive and Parkway. Open 8 a.m. to 7 p.m. daily. tfc

2. Cars For Sale

CASH! FOR YOUR CAR—We need all makes and models. We will pay you more. We buy and sell imports, too. TEXAS AUTO SALES, Phone 536-6121. tfc

CREAM PUFF VOLKSWAGEN SEDAN — 1960 guaranteed mechanically Universal Motors Used Car Dept. Phone 539-7456. Ask for Louie 1tc

1957 CHEVY 4 door. Sold new in Alabama. Good tires, new paint, new seat covers. \$695.00. Universal Motors Used Car Dept. Phone 539-7456. Call for John Payne. 1tc

ONE OF A KIND — 1960 Renault Caravel Sports Coupe with removable hardtop, low mileage, gleaming red. \$1000.00. Universal Motors Used Car Dept. Phone 539-7456. Ask for H. B. Flowers. 1tc

GOLDENROD YELLOW and creamy white 1958 Ford Custom 300. 4 door. A fine car well cared for. \$695.00 at Universal Motors Used Car Dept. Phone 539-7456. Call Robinson. 1tc

1961 FALCON 4 door blue and white. New paint, good tires. Reduced to \$895.00. Universal Motors Used Car Dept. Phone 539-7456. Ask for Chas. Lurie. 1tc

1963 FORD—Looks and drives new Fairlane 500, 4 door. Many options including leatherette interior. This week only \$2095.00 at Universal Motors Used Car Dept. Phone 539-7456. Ask for H. B. Flowers. 1tc

1958 DODGE — Looks like a new one Custom Royal Coronet. A beautiful car. 4-door hardtop, new tires, new royal blue and silver paint. New rugs, power steering, power brakes. No money down to qualified buyer. Cash price \$695.00 Universal Motors Used Car Dept. Phone 539-7456. Ask for Louie. 1tc

NICE LIL-OLE '60 MODEL FORD 6 cyl. 5th shift, station wagon, 2 doors. \$795.00. At Universal Motors Used Car Dept. No. Memorial Parkway. Phone 539-7456. Ask for John. 1tc

1959 CHEVROLET 2 door Biscayne 6 cyl S. S., light blue, sound all over. \$795.00 at Universal Motors Used Car Dept. Phone 539-7456. Ask for Louie. 1tc

1963 SUPER SPORT NOVA CHEVY II automatic floor shift, bucket seats, big hub caps, radio, heater, white sidewalls, less than 14,000 actual Huntsville, Ala. miles. Priced for quick sale. Universal Motors Used Car Dept. Phone 539-7456. Ask for John. 1tc

RUBY RED 1959 FORD Custom "300". New tires, 6 cyl., auto., radio, nice old car. \$895.00 at Universal Motors Used Car Dept. No. Mem. Parkway, phone 539-7456. Ask for Charles. 1tc

1958 VOLKSWAGEN Station Wagon just repainted back to original color. \$795.00 at Universal Motors Inc. Used Car Dept., Phone 539-7456. Ask for H. B. 1tc

FOR SALE—1963 Volkswagen, excellent condition, white wall tires, pushbutton radio, pushout windows, leatherette seats. Please call 534-3020. 1tp

1956 FORD FAIRLANE—Extra clean, Thunderbird engine, Ford-O-Matic trans., radio, and heater, new battery. New tires. Must sell for \$450.00 or best offer. Phone 539-2464. 1tp

FOR SALE—1959 Studebaker Lark, 4-door, grey, 6 cyl., 25,000 miles. One owner car. Very good condition. \$550.00. Call 534-1815. 1tp

FOR SALE — 1955 Chrysler Windsor Deluxe. Good condition. \$395.00. Call 881-1423. 1tc

FOR SALE—1931 Model A Ford, completely restored price \$650.00. Can be seen at Economy Service Station on Ardmore Hwy. Phone 539-2531. 1tc

3. Miscellaneous

I HAVE THREE NICE TYPE-SET COINS—One 1867 shield nickel, BU, one 1865 Two-Cent piece, BU, and one 1827 Curved 2 Bust half, ext. fine. will sell reasonably or trade for antique guns. Phone 773-6032

MODERN HEALTH CLUB SERVICES—Central Y.M.C.A., 203 South Greene St. is offering massages, turkish baths, electric heat, cabinets, ultra-violet and infra-red lamps, diathermy sun lamp, swimming pool. Graduate masseur in charge. Phone 534-2444. tfc

ABS SECRETARIAL SERVICE — 408 Clinton Avenue, W., Huntsville, Ala. Phone 534-6451. CALL US FOR: Photocopying, mimeographing, transcribing (Dictaphone), telephone answering. Employment applications prepared (Government and other). Notary Public. (Our office or yours). tfc

NEW UHF CONVERTERS \$11.97
North Alabama's largest sales and service dealer for Zenith, RCA and Motorola TV and Stereo. Our prices are equal to or lower than advertised so called "discount or wholesale" prices. Price, then compare. Our merchandise is visually priced tagged at all times. We accept trade-ins. Used TVs sold for \$20 and up. We service all makes and models. Picture tubes, 21 in. 90 degrees, \$21.00 exchange with 1 year guarantee. TV rentals by day, week or month.
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FROM
Universal Motors Used Car Dept.
PHONE 539-7456
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Super Sport Coupe. Bucket seats, automatic floor shift. Blue and white, 14,000 miles. Sold new in Huntsville.
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SPECIAL

FOR SALE—Newly reupholstered couch and chair, like new condition. Phone 539-0382. tfc

MME. HEDY FIORY, European opera and concert singer, instructor in voice, phonetics and piano, few openings. Call 536-9020 1-16c

ALL KINDS OF USED FURNITURE Trade-in on mobile homes. All kinds of appliances. See at Texas Auto & Mobile Home Sales. 1003 Meridian. No phone calls please! tfc

4. Mobile Homes

SEE OUR FULL LINE OF — Mobile Homes—or we'll both lose money! We trade for anything! easy terms. Come see the friendly folks at Texas Auto Sales, 1003 Meridian St., phone 536-6121. tfc

53 X 10 STYLELINE, 1 bedroom Early American attached to 31X8 Schult. Also has 12X8 Cabana room and 40 ft aluminum awning. On lot next to new swimming pool. Ready to move into. Small down payment and 5 years on balance. Price for all, \$3895 TEXAS MOBILE HOME SALES, 1003 Meridian St. 536-6121. tfc

FOR SALE—1959 Richardson Mobile Home. 10'x47'. 2 bedrooms, with retractable wall for bedroom deluxe. Copper-tone built-in kitchen. Parked on Trailer Lot. \$2950.00 Call 536-7296 after 5 p.m. 1tc

5. Houses, Lots - Sale

FOR SALE — Lot 105x178 ft. on paved street with gas, electricity and water located on Bagwell Drive, Madison. \$2,000. Call 772-3284. 1tp

FOR SALE!
19 ACRES located 12 miles northeast of Cullman, 38 miles of Huntsville — COUNTRY ESTATES, all city conveniences. Large 3 bedroom brick home, 2 good wells, 1700 sq. ft. of living space, large oak shade tree, 2 full baths, gas heat, large patio and barbecue pit, large barn, two 10,000 capacity chicken houses, good fish pond, fallout shelter, fenced and cross fenced. All this for only \$27,500.00.

22 ACRES, choice retirement property, tract located in a thickly settled community, 20 miles south of Huntsville on black-top highway. Area is a highly developed agricultural section. Has 6 room dwelling, 3 bedrooms, bath, fine well, good barn, won't last long. \$8,000.00 E. G. WILLIAMSON, Real Estate Broker, pho. 734-6294, Cullman, Alabama. tfc

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918 Meridian St., North Phone 536-8537

6. Pets
FOR SALE—AKC registered, long haired dachshund puppies, 6 generation pedigree, champion bloodline, for pets of show dogs, black and tan or red color. Mrs. M. H. Thomas, 2456 Crestwood Drive., S.W., Ph. 536-9353. -1d
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—Calvin Coolidge

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Awards and Decorations

Commendation Medals have been awarded the following:

Maj. John C. Alford, Jr., Future Missile Systems Division of the Research and Development Directorate;

Maj. J. Palmer Balliet, Chief, Services Division, Watertown Arsenal;

S/Sgt. Clarence H. Calton, Aviation Branch, Army Missile Support Command;

Capt. James L. Lorder, Jr., Directorate of Supply and Maintenance, Maintenance Engineering Division;

1st Lt. Jerry L. Maloy, Pershing Project;

1st Lt. Conrad G. Nagel, ARPAT

Branch, AROA Division, R&D; **SFC Orval D. Ogden**, Office of the Assistant for Communications, AMSC;

1st Lt. Ronald B. Paulus, Pershing Project;

Lt. Col. Rudolph J. Schofield, first Oak Leaf Cluster, Pershing Project.

Certificates of Achievement have been awarded the following:

Capt. George C. Lackey, Judge Advocate Office, AMICOM; **Capt. John R. Osterlund**, Future Missile Systems, R&D;

Capt. Bruce S. Packard, Sergeant Project Office;

Capt. Karl F. Prunisch, Directorate of R&D.



Quarters to prevent damage by objects working through the guards.

Thomas J. Hooper, Army Missile Support Command, \$15 award — this suggestion resulted in 1/4 inch hardware cloth being installed on the inside of the screen of screen doors to prolong the life of the screen.

Jerry R. Cobb, Army Missile Support Command, \$15 award — this suggestion resulted in RSA Form 1465 being discontinued and DA Form 55-129 being used instead.

Betty S. Harris, Army Missile Command, \$20 award — this suggestion resulted in the Army Motion Picture, MF-61-1100, entitled "Suggestion Power" being removed from circulation throughout the Department of the Army. This action was taken due to the film being outdated and no funds for revision.

Royce L. Buffalo, Army Missile Support Command, \$15 award — this suggestion resulted in access holes being put in chassis ORD No. 9059257 so that the two inside screws, ORD No. 9051974, which secure the Klystron to the power divider and mixer, ORD No. 9185089 can be removed. Savings are estimated at \$297 for the first years usage.

Freddy J. Farmer, Army Missile Support Command, \$15 award — this suggestion resulted in documents, including items on inventory, being key punched and the key punched EAM cards being machine sorted from those items not in inventory and retained in a separate card file by the Machine Records Unit until they are notified by an inventory clerk to release them to the computer.

Roy R. Townsend, Army Missile Support Command, \$20 award — this suggestion resulted in an interim fix being applied to eliminate an undesirable safety condition on the high voltage power supply of the High Power Illuminator Radar.

Mildred S. Donahoo, Army Missile Support Command, \$20 award — this suggestion resulted in maps being supplied to all taxi vehicles used by the Army at Redstone Arsenal.

FIRST WOMAN HEADS VA OFFICE

First woman manager of a Veterans Administration regional office is Dorothy Starbuck, who recently became head of the Denver office in September. A 45-year-old career employee, she had been assistant manager of the VA regional office in Baltimore, was a WAC officer in World War II, and earlier a teacher in Colorado.

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\$2,000	\$22.21
\$3,000	\$33.31
\$5,000	\$55.52

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INCENTIVE AWARDS

SUGGESTIONS

Joseph L. Boyd, Jr., Army Ordnance Guided Missile School, \$85 award — this suggestion resulted in the back belts on the Army Medical Department knee length white coats being eliminated. Savings are estimated at \$1650 for the first years usage.

Clinton J. Roberson and Thomas J. Holly, Jr., both from the Army Missile Command, \$315 award divided equally — this suggestion resulted in a method of preparing Status Charts utilizing foto-list cards. The estimated first year savings for this joint suggestion

is \$6,254.

Louella T. Gibson, Army Missile Command, \$160 award — this suggestion resulted in a change in the filing procedure concerning Management Control Numbers in the Cataloging Division of the Directorate of Supply & Maintenance. The estimated first year savings is \$3110.

Marvin H. Webster, Army Missile Support Command, \$20 award — this suggestion resulted in 1/4 inch galvanized hardware cloth being used to replace the 1/2 inch mesh on certain dishwasher used in Phase No. 1 of the Capehart

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1961 CHEVROLET 4 door. Radio, heater, automatic transmission. \$1175

1961 CHEVROLET 4 door. Radio, heater, automatic transmission. V-8. \$1575.

1960 CHEVROLET 2 door. Radio, heater. \$1175.

1959 CHEVROLET 2 door. Radio, heater, standard shift. \$775.

1956 CHEVROLET 2 door. Radio, heater, automatic transmission. \$375.

1955 CADILLAC 2 door Hardtop Full Power, radio, heater, automatic transmission \$475.

1956 FORD 2 door, Hardtop, Radio, heater standard shift. \$275.

1956 FORD Station Wagon 4 door, Radio and heater. \$375.

1957 PONTIAC 4 door Hardtop, Radio, heater, automatic transmission Power Steering, Power Brakes. \$575.

1955 PONTIAC Station Wagon. \$175.

1960 PLYMOUTH Station Wagon, 4 door, Radio, heater, automatic transmission. \$1,000.

(2) 1960 PLYMOUTH 2 door. Heater, straight shift. \$875 each.

1955 BUICK Special, 4 door. Radio, heater, automatic transmission. \$450.

1962 FORD Falcon. Radio, heater, straight shift, bucket seats. \$1375.

(2) 1960 FORD Pickup Trucks. \$875 each.

1959 FORD 2 door. Radio, heater, automatic transmission. \$875.

1959 FORD 4 door. Radio, heater, automatic transmission Power Steering, Power Brakes, factory air. \$1275.

(2) 1957 FORD Station Wagons, 4 door. Radio, heater, automatic transmission. \$450

1958 PLYMOUTH 2 door Hardtop. Radio, heater, automatic transmission. \$675

1956 PLYMOUTH 2 door. Radio, heater, automatic transmission. \$175.

1960 RAMBLER 4 door. Station Wagon. Radio, heater, straight shift. \$975.

1959 RAMBLER Station Wagon. Radio heater, automatic transmission. \$575

1961 RENAULT \$575

1961 OPEL Station Wagon \$750

1957 DESOTO 4 door. Radio, heater, automatic transmission. \$300.

1955 METROPOLITAN \$575

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Six Inspection Teams Give School Once-Over

Simultaneous visits by the preacher, lawyer, school principal, tax collector, meter reader, building inspector and the doctor might panic the average family.

But the Army Ordnance Guided Missile School is now calmly undergoing a barrage of six inspections by various Defense Department and Army agencies.

Col. William J. Macpherson, commandant, said the flood of current official examinations resulted from coincidences of independent scheduling by the various agencies which visit the school every year but usually on different dates.

"The Continental Army asked us if we wanted to spread out the inspection visits but we told them all to come ahead as planned," he said.

A six-man team from the Army Audit Agency is already at the School doing preliminary work for an overall audit that begins Jan. 20 and will last through March. This will be an administrative inspection covering just about everything that goes on at the School.

A Department of the Army team from the Inspector General's office in Washington will arrive today to begin an inspection of nuclear weapons training, and the school scheduled a preliminary inspection of its own in this field this week.

On Jan. 20 an Inspector General's team from the Continental Army Command will check the School's operations in terms of the overall policies of 26 Army schools supervised by the Fort Monroe, Va., headquarters. The Missile School became an element of the Continental Army in the recent reorganization of the service.

Already underway is a security survey that will last through Jan. 17. And an inspection team from the Government Accounting Office has returned to resume work in-

terrupted by the holiday season.

All these inspections come on top of maintenance check-ups by the Third Army of two Ordnance units permanently stationed here. The 184th Ordnance Detachment was inspected Jan. 6 and the 32nd Ordnance Detachment on Jan. 7.

Col. Macpherson said that one thing is certain: "In a few weeks, the Missile School will definitely know what our bosses think about us, and I know that will help us gear up for the largest year in our 11-year history."

The Missile School's resident student body is to increase 58 per cent by summer. Heretofore, it has been graduating about 5,000 students a year from all branches of the U. S. armed forces and 16 Allied countries and deploying missile support units throughout the free world.



MP'S ARE HONORED—Col. William Luk (left), Provost Marshal, Troop Commander and bloodmobile coordinator for Redstone Arsenal, presents a trophy and letter of appreciation to Capt. Elvin J. Kidd, Commanding Officer of the 291st MP Company. The awards, from Col. Thomas W. Cooke, Commanding Officer of the Missile Support Command, were made in recognition of the company's "best participation" record in giving to the Red Cross Bloodmobile for December. Looking on are First Sgt. Frank C. Page and Sgt. Artis Miller. The Bloodmobile is here again today.

Dr. Shaughnessy Will Address Management Group

Dr. Thomas E. Shaughnessy, educational adviser to the deputy chief of Staff for Schools at the Continental Army Command, will address a training management conference at the Army Ordnance Guided Missile School at Redstone Arsenal tomorrow. He will explain new techniques of education being utilized in Army schools.

Dr. Shaughnessy will arrive today. His talk will include discussions of such new techniques as the use of video tape and programmed learning methods now being used to improve the caliber of teaching at these schools.

The conference will be for supervisors and instructors at OGMS and will be video-taped for later showing in faculty training courses.

WATER POLLUTION TO BE DISCUSSED

Dr. J. E. Etzel, Professor of Sanitary Engineering at Purdue University, will talk to the North Alabama Section of the American Institute of Chemical Engineers Jan. 21 at the Lyons Hotel in Decatur.

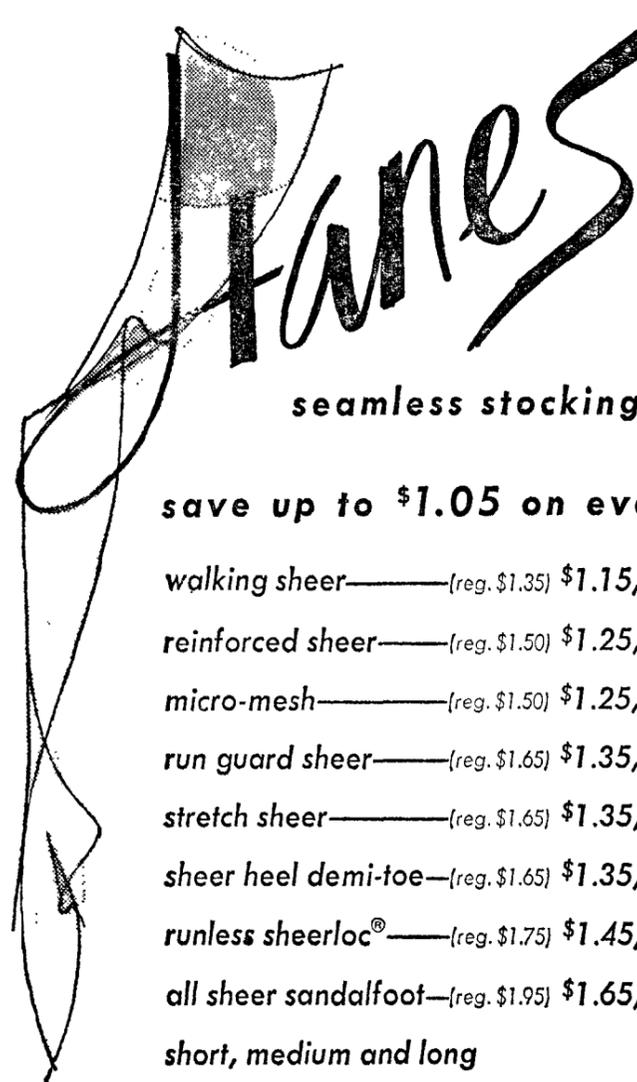
Subject of the professor's talk is "Water Pollution."

The meeting will begin with a special half hour at 6:30 p.m. Reservations are being handled by Dr. Lewis Hurt of Rohm and Haas, 676-9926.

OPENINGS ANNOUNCED

The U. S. Board of Civil Service Examiners has issued announcement of examination for clerk typists and clerk stenographers in grades ranging from GS-2 to GS-4. The announcement number is AT-1(64). It will supersede all previous examinations and registers on the earlier ones will be closed. People on the registers will have to reapply if they wish to be considered.

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- stretch sheer—(reg. \$1.65) \$1.35, 3 prs. \$3.90
- sheer heel demi-toe—(reg. \$1.65) \$1.35, 3 prs. \$3.90
- runless sheerloc®—(reg. \$1.75) \$1.45, 3 prs. \$4.20
- all sheer sandalfoot—(reg. \$1.95) \$1.65, 3 prs. \$4.80

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