

Automated Data Retrieval To Save Money

The Army Missile Command will put into operation later this month an automated system that will give an estimated \$3.5 million first year saving in the design and building of missiles.

The heart of the system is a small 4-inch square box of microfilm that will replace a thousand bulky engineering drawings.

The system is called ADRES — Army Data Retrieval Engineering System.

An official presentation program will be held Thursday, January 24,

when the ADRES system will be turned over to the contractors who will use it. This program will be held in the auditorium of Missile Command Headquarters building.

The program will include a welcome from the Missile Command; a presentation by Col. E. V. Lau, Director of the Directorate of Procurement and Production; a period for questions by the contractors; actual presentation of the system to the contractors by the various Project Offices.

Following luncheon at the Squir-

rel Hill Officers Club, the visitors will be given a tour of the Documentation Branch of the Directorate of P & P.

Value Analysis and engineering personnel who designed the system say its cost reduction should pyramid. First, it will cut down duplication in design of a missile part. And, with thousands of contractors working on many independent missiles, this can easily happen. Second, it will allow the standardization of parts in many missiles. This saves time not only in

design but also in ordering repairs.

The estimated saving in engineering time alone is 10 percent a year for each design engineer working on a project because the system is designed for "fingertip" use. The Missile Command says the equipment used with the ADRES system is compact enough to be placed in a design working area to encourage its use.

Still another saving in space and money will materialize because use of the system will reduce the num-

ber of duplicate items in the Army's missile parts bins.

Each set of tapes will include 70 rolls of microfilm. Sixty-five of the rolls will contain some 65,000 drawings. The additional five rolls will contain Military and Air Force/Navy Standards. These standards are some 30,000 parts in common use among all services.

To keep the sets up to date, the Missile Command each month will distribute to holders of the sets new drawings on supplementary films. Every four months the entire set of drawings will be refilm-

ed. To use the new system, a design engineer who, for example, is designing a gear assembly will consult a printed index that provides the names of all Army missile parts in alphabetical order. From this index, he locates the cartridge that has gear drawings and places it in a viewer.

The gear assembly is projected on a viewing screen. Should he need a printed "hard copy" of the drawing the viewer can produce. (See AUTOMATED on Page 3)

The Redstone Rocket

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JANUARY 16, 1963

CG Says:

Missiles Transferred From PHDs To PFCs

"In five years the Army has successfully transferred missiles from the hands of PHDs to the hands of PFCs."

Maj. Gen. Francis J. McMorrow, Commanding General of the U. S. Army Missile Command, said this during an address before the Central Florida Chapter of the American Ordnance Association Friday night at Orlando, Florida.

"Missiles haven't replaced the man," he said. "There were voices raised not so long ago which contended soldiers simply could not master the complexities of missilery."

"What has happened," General McMorrow continued, "is that in a few brief years the Army has developed and fielded a family of missiles tailored for a specific job and capable of providing a flexible

response.

"This family makes it possible to apply measured force—no more than that required to do the job whether it's knocking down an airplane, killing a tank or obliterating a supply dump beyond the horizon."

In referring to the Army role in the recent events concerning Cuba, the chief of Army Missile development said:

"The military lessons to be drawn from this crisis emphasize two points:

"First—the credibility of the deterrent provided by our Armed Forces backed by a determined nation has been established beyond doubt.

"Second—a capability to apply measured force takes on major meaning in our military strategy.

"Exercising options in the application of military force is not a bargain basement strategy. It entails a spectrum of weapons and techniques for the Army as well as the other services.

"Missiles—which have already demonstrated that they can make a significant contribution to our strategic deterrent force, have an (See MISSILES on Page 2)

Design Characteristics Reviewed At Conference

More than 100 representatives of military and governmental organizations throughout the United States today will continue a two-day in-process review of a new equipment system.

The conference, officially known as the Design Characteristics Review for the Multisystem Test Equipment, is being headed by Col. Daniel F. Shepherd, MTE Commod-

Col. Luczak Addresses AUSA Group

FORT STEWART, Ga. — Col. Bernard R. Luczak of the U. S. Army Missile Command told members of the Coastal Empire Chapter, Association of the United States Army, that no missile weapon system is being developed or planned that can take the place of the soldier.

"Modern missile weapon systems simply help the soldier to do his job more effectively," Col. Luczak said.

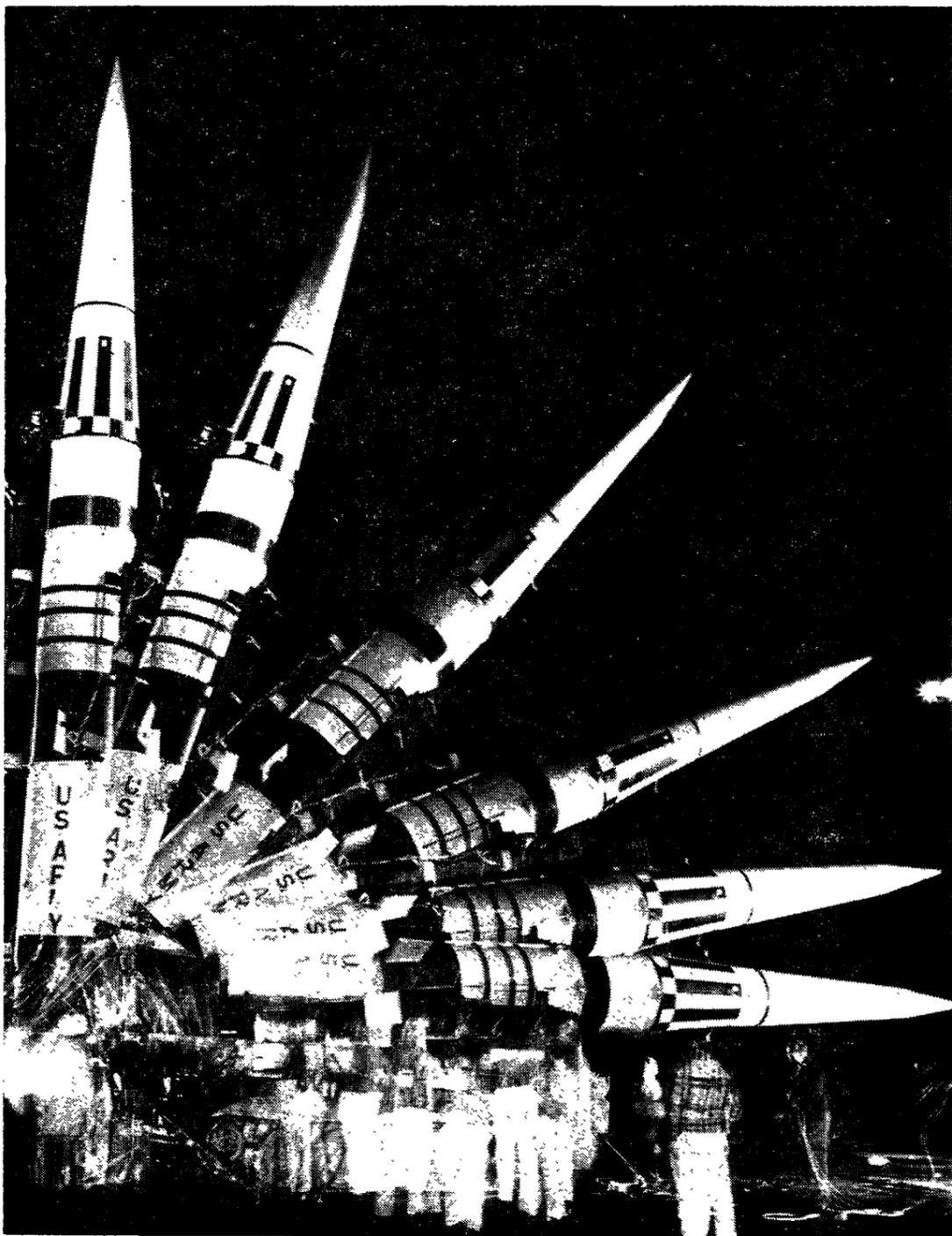
Col. Luczak, Deputy to the Deputy Commanding General, Air Defense Systems, addressed the AUSA group at Fort Stewart during its annual election of officers meeting held Friday. Many of the more than 200 members and their wives in attendance traveled more than 50 miles to Fort Stewart for the Chapter's first major dinner meeting.

"No one is more aware of the role the AUSA has played in helping the Army achieve its aims and objectives than we at Redstone Arsenal," Col. Luczak said.

"The voice of the AUSA is being heard and your efforts are being rewarded."

Col. Luczak outlined to the group many major achievements by the Army in the development of missiles and rockets which in-

(See LUCZAK on Page 3)



PERSHING POINTS—Quick reaction time of the Pershing ballistic missile is demonstrated in this multiple exposure of the U. S. Army Missile Command's new weapon. Pershing has piled up the most successful firing record ever achieved at any of the United States' missile ranges. One of the unusual aspects of the Pershing firing program at the Atlantic Missile Range, Cape Canaveral, is the fact that it has been fired from its transporter-erector-launcher from the very first test shot. (The Pershing Project story will be found on page 4. This is the fifth in the Rocket's series on Project Offices and the people who man them.)



COL. DANIEL SHEPHERD

ity Manager. Assisting is his deputy W. A. Riley, Jr.

The meeting opened Tuesday in Rocket Auditorium when Brig. Gen. H. P. Persons, Deputy Commanding General, Air Defense Systems, delivered the welcoming address.

During today's meeting, representatives will divide into smaller groups for specialized discussion. Topics will touch on Research and Development, Procurement and Production and Supply and Maintenance.

MTE is a revolutionary new concept in support of missile weapon systems which will provide one basic set of test equipment for several future missile systems.

Rock Salt Proves Its Worth

Rock salt — 100 tons of the crystal compound — will melt a lot of snow and ice on Redstone Arsenal highways. It proved its worth Monday.

That much of the white peiliet was recently purchased by the Post Engineer in the annual battle to keep ahead of winter's ice. Fifty-tons of the Arsenal's present supply were used during the winter's first snow on Christmas Eve. M. W. Lawley, chief of the Building and Grounds Division, Post Engineer, said the new salt contract was requested to replen-

ish the supply already on hand.

Lawley said the Post Engineer uses 100 to 150 tons of bulk rock salt during a normal North Alabama winter. Salt is used principally to de-ice bridges, intersections, slopes and hills.

Workmen are busy as long as ice forms, Lawley pointed out. Even when weather closes the government installation, some 50 men work two 12-hour shifts a day to keep Redstone's main arteries open for emergency traffic.

Stauffer Chemical Company, (See SALT on Page 3)

New Assignments Made At School

A major change in the assignments of key officers and civilians within the Ordnance Guided Missile School's department of individual training has taken place, according to Lt. Col. Ward T. Gilbert, director.

The majority of changes were in the Educational Services Office, Air Defense Missile Division and the Officer and Special Training Division.

Maj. Michael J. Dooley has been (See ASSIGNMENTS on Page 2)

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.

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Rocket Ruminations

"Freedom of the press is the staff of life for any vital democracy."

—Wendell L. Willkie

Men And Their Jobs

This week marks the 80th anniversary of the Civil Service Act. This act gave a large majority of federal government employees job security and the government assurance of qualified career employees who would continue in their jobs from year to year.

Fittingly enough, a group of civilian employees covered by this act started the week off by providing a vital service to the government installations located at Redstone Arsenal, which deserves recognition.

Many employees of the Missile Support Command had to be called to work Sunday to assure that Redstone roads were open for the thousands of workers who would report for work Monday morning.

These men put in many hours in sub-freezing weather spreading rock salt to reduce hazardous driving conditions. Most of them probably would have been happier in their warm homes with their families. Duty called and they answered the call because it was their job to do so.

Employees such as these are necessary for successful operation of the government's business. It seems appropriate to salute them and the act which makes their employment possible this week.

ASSIGNMENTS

(Continued From Page 1)
named chief of the ADM Div. He was formerly chief of Hawk Branch., ADM. Capt. John K. Kirby will succeed him as chief of Hawk Branch. Capt. Raymond C. Rembish is now chief of Nike Branch, ADM, and Lt. Robert H. Massey is chief of the administration and documents office.
Maj. James M. Schiavo, Office

of Operations, OGMS, will move to the position of chief of Officers Training Branch, replacing Capt. P. T. French, who has been reassigned to the Nuclear Weapons and Logistics Section. Willard F. Evans has been named deputy chief of Officers Training Branch. Mr. Robert E. Lovett has been designated chief of Training Branch to fill the vacancy created by Mr. J. J. Parks, new chief of Testing Branch.



TO BENEFIT ALL ENGINEERS— Phillip Mason (left), director of the University of Alabama, Huntsville Center, accepts a selection of books donated to the Center's Library by the North Alabama-Mississippi Chapter of the American Society of Mechanical Engineers. R. M. Hubbard (r), chairman of the Society's Civil Affairs Committee, makes the presentation. Other members of the Society pictured are (left to right) J. R. Williams, Lt. F. L. Coonan and Cecil Stokes.

MISSILES

(Continued From Page 1)

equally important contribution to make in a strategy of measured force.

"The Army approach in developing a family of missiles tailored to perform specific tasks, in my opinion, points the way for military applications in other than nuclear conflict.

"In the public's eye, a missile rises majestically on a tail of fire, soars off into space and a few minutes later a mushroom cloud arises above the horizon. We see it somewhat differently, as might be expected.

"A missile is a delivery system — a means of getting payload from one place to another. There is no law of physics that says its payload must be a nuclear device.

"Certainly the Army needs a capability for nuclear firepower. We have it. Pershing, for example, will give the Army a longer-armed nuclear punch than ever before when it joins the ranks."

General McMorrow said that in missile development the Army was moving away from the complex and costly toward the simple and

cheap.
"The Army-Industry team has written a great record in materiel development over the years and the leadership of the American Ordnance Association has played a major role in making this success possible," he said.

"AOA provides a common meeting ground for us and gives us the opportunity to channel our ideas in the same direction. It helps industry assure the military of the weapon it needs in a time frame which will assure the nation is adequately defended, and at a price the government can afford," General McMorrow concluded.

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TWO DECADES OF CHANGE—S/Sgt. J. A. Justin, of the Command Protocol Office shows a model of the Nike Zeus anti-missile to visitor A. W. Allison, Jr., of Charleston, S. C. Allison was general mechanical supervisor at Redstone Arsenal during initial construction of facilities here in 1942. He was in charge of equipment and piping. Commented Allison: "There's no comparison between the Redstone Arsenal of 1942 and the way it is today." With the men are Allison's children, Edward, left; Biddie, center; and Robert.

SALT

(Continued From Page 1) Huntsville, is providing the salt under a contract calling for delivery, if needed, of 100 one-ton quantities. The Army will pay \$7 a ton or a total of \$700 if the entire 200,000 pounds are used.

The Stauffer Company barges the salt up the Tennessee River and unloads it at the Redstone Arsenal docks. Post Engineer workmen truck the de-icing crystals from the dock as they are needed.

Other purchases and awards made by the Army Missile Command in the Southeast during December totaled \$1,452,250 cover-

AUTOMATED

(Continued From Page 1) vide that also in 15 seconds.

A similar system is already proving its worth for a large mail order house. This industrial user put its repair parts catalog on microfilm and distributed the films to its branches. In this way a part for some item such as a washing machine can be identified rapidly without the necessity of thumbing through bulky dog-eared catalogs.

The ADRES system was adapted to Army needs by Information Handling Services of Denver, Colo., which also, in six months time, microfilmed the Army documents. However, this is the first time that any government agency has put its documentation into such a compact package.

Art Harvey, head of the Value Analysis/Engineering program, says other government agencies are now studying adaptation of the ADRES System to their own needs.

The Missile Command is anticipating the possibility of more significant savings by putting even more material on microfilm. These include:

Federal and military specifications. Research and development laboratory reports to save duplication of experiments. Depot and field maintenance stock record cards to give quick indication of stock levels.

GREEK ORTHODOX SERVICES HELD AT POST CHAPEL

The first of the planned weekly Greek Orthodox services was conducted at the Main Post Chapel at Redstone Arsenal on Saturday morning at 9:30.

Bishop Silas of the New Orleans Diocese celebrated a high mass assisted by Rev. John Sikas of Nashville.

Sunday School services began concurrently with the church services under the direction of Mrs. C. P. Trapalis of Huntsville. (534-8427).

Chaplain (Lt. Col.) W. R. Bottoms of Redstone Arsenal, said that it is tentatively planned to hold the Greek Orthodox services weekly at the Post Chapel.

LUCZAK

(Continued From Page 1) cluded the first program for production of U. S. developed missile systems by foreign governments.

"Under the circumstances, most people would think that effective coordination of Hawk missile production by NATO member coun-

tries would be a near impossible task, but on the contrary it is proving to be a precedent in international cooperation," Col. Luczak said.

Col. Luczak referred to the development of the Pershing missile system as an example of efficient weapons system management by the Army Missile Command. "Not only was the Pershing delivered to troops months ahead of a scheduled date established years ago, but the development program was accomplished with an expenditure of millions of tax-payer dollars less than the initial estimate," he said. "Such a major savings can only be possible through conscientious management and cooperation between the Army and private industry."

Huntsville firms received \$1,381,640; those in Birmingham, \$54,528; and \$16,081 went to companies in Decatur, Chase and Sheffield, Ala. Orders placed with Chattanooga, Tenn. business concerns totaled \$5,830.

These purchases in support of the Army's missile and rocket programs are in addition to the contracts for more than a million dollars awarded to companies throughout the United States, to procure missile and rocket systems and related equipment. The people at the Missile Command responsible for the administration of the awards made here included those in the Purchasing and Contracting Division of the Army Missile Support Command, and the Local Purchases and Formal Advertising Offices of the Missile Command, Procurement and Production Directorate.

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MARY GRADY
Frankly feminine and romantic "Belle" Hair Fashions will add the crowning element of grace and ease to the smart young look in the fashion for spring and summer, reports Mary Grady, who met with cosmetologists from all parts of the nation at the National Premiere of New Hair Fashions in Atlanta, Georgia.
The new styles are being introduced by the official Hair Fashion Committee of the National Hair Dressers and Cosmetologist Assn. They will featured throughout the United States during National Beauty Salon Week, February 10-16.
The new "Belle" hair fashions have a free and easy "down" line of bouncing waves and curls for daytime wear and converts dramatically into a rising "up" line of brushed waves for evening wear. In both lines there is a disarming touch of glamour as a fillip to romance . . .
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Pershing Management Introduces Innovations

New Procurement Concept May Change Army Methods

"Pershing Project Manager, acting deputy commander for Land Combat Systems, Lacrosse commodity manager and . . . busy," is an expert's way of describing his job.

Col. Oliver M. Hirsch, in the course of a typical day leads the Army's largest project manager staff, directs overall operation of all land combat systems and answers essential commodity questions within the Army Missile Command.

The Colonel and his project staff as "handlers" of the Army's new fighter—Pershing—have achieved an enviable record during a four-year telescoped program designed to extend the reach of the soldier's ballistic missile punch.

Pershing will extend the Army's ballistic "Sunday punch" to ranges of 400 miles under any weather conditions. The two-stage solid propellant missile provides potential enemy devastation with its selective range capability.

Pershing and other weapons systems needed to modernize the Army were selected by Lt. Gen. Frank Besson, commander of the Army Materiel Command, for high priority project management by AMC. Project Manager Hirsch is directly responsible for getting Pershing into the field.

Contracting

Col. Hirsch said Pershing is being used by AMC to study a unique approach to contracting and contract administration. Contracting and contract administration for key Pershing contracts will be handled for six months by the Project Office.

During the trial period, Col. Hirsch said, procurement district personnel now working on the projects will receive their direction from his office. "Pershing is the only weapons system taking part in the six-months study," he said, adding that "if it is successful, the unique contract approach will be used in an effort to make the project manager's organization more vertical."

Discussing Pershing's record, Col. Hirsch points out these project achievements:

- A firing record of 37 successful launches in 43 attempts—the best success record of any missile fired at Cape Canaveral, or any other known range.
- First U. S. missile ever fired in a hard rain. Pershing recently blasted upward through a tropical downpour in a test launch to prove its all-weather use.
- The weapon system has been on schedule more than 90 percent of the time and is within a fraction of a per cent of its original cost estimates.
- Extensive breakout procurement at the start of the program. This policy has allowed awarding contracts to small businesses and businesses in distress areas.

Development Firings

Pershing development firings will soon be completed, Col. Hirsch said, adding that operational deployment is expected this year. Tactical firings are scheduled this spring at White Sands Missile Range.

Col. Hirsch's appointment in 1962 as Pershing Project Manager brought into the office a man with extensive engineering-management experience.

The Project Manager's missile

management experience began with his assignment as executive officer and chief of staff to the Commanding General of Redstone Arsenal from 1955 to 1957. A participant in the Ordnance Executive Development Program in 1957, Col. Hirsch attended the Graduate School at the University of Chicago where he earned a master's degree in business administration.

The Colonel returned to Redstone Arsenal in 1959 as director of Industrial Operations of the Army Ballistic Missile Agency. He was in this position until becoming project manager.

A native of Kansas City, Mo., Col. Hirsch studied mechanical engineering at Kansas City Junior College and later attended the University of Missouri in Columbia, Mo.

After college, he was a designer, works manager and general superintendent for a Kansas City refrigerator manufacturing corporation, entering on active military duty as an Infantry Reserve Officer in 1942.

Assigned to Ordnance

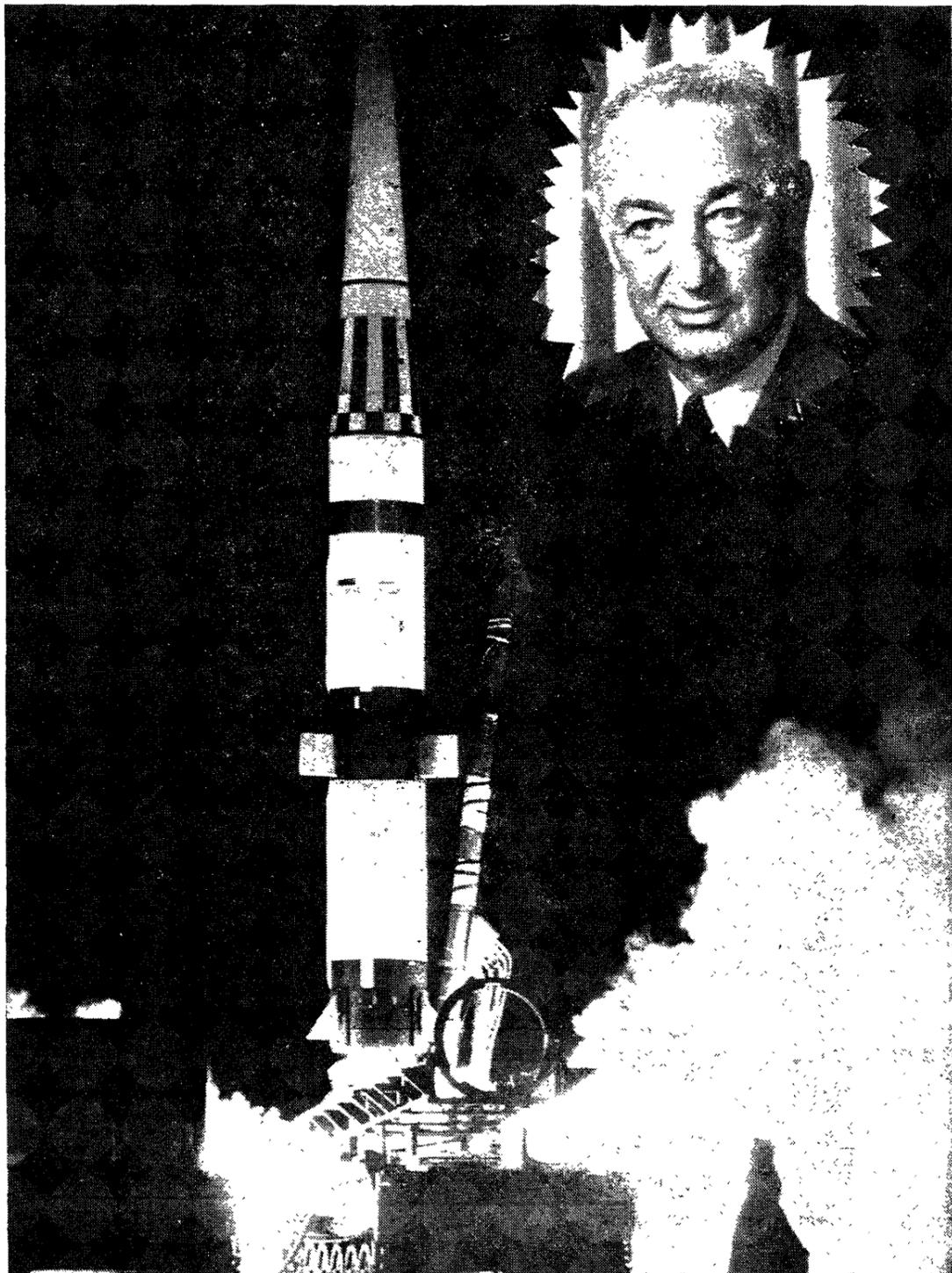
Col. Hirsch's first Ordnance assignment was as assistant area engineer during construction of the Ohio River Ordnance Works. He later commanded the Cornhusker Works (a bomb and shell loading facility), the Denver Small Arms Ammunition Plant, and the Nebraska Ammunition Plant, and was later executive officer of the Ordnance Ammunition Center.

During the Korean War, he commanded a separate Army Battalion in support of the U. S. X Corps and the ROK-I Corps. He later commanded the Ikego Insular Ammunition Depot Complex in Japan.



Carl Pinyerd

Deputy Project Manager Carl A. Pinyerd, Jr., who is a perennial traveler, has been with the Pershing from its infancy. In his travels, Pinyerd makes frequent use of a "hard hat" bearing his name



EVER PRESENT—A picture of Col. Oliver M. Hirsch, Pershing Project Manager, is superimposed in this view of another successful Pershing development firing. The project manager is ever-present in directing the progress of his system.

at Cape Canaveral's Pershing launch complex.

A 1951 Auburn University graduate, Pinyerd said the system originated in a study made jointly by the Department of the Army, U. S. Continental Army Command, and the Army Ballistic Missile Agency.

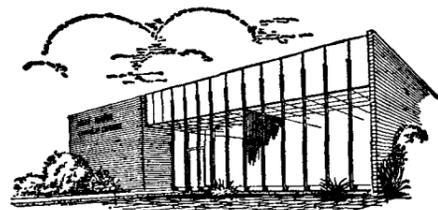
Pinyerd began work at Redstone Arsenal in February, 1953. His first assignment was as an industrial engineer in the old National Procurement Division.

A Chicago native, Pinyerd attended high school and junior college at Harvey, Ill., before entering the Army during World War II.

Pinyerd received a bachelor of science degree in industrial management from Auburn and previously had attended the University

(Continued on Next Page)

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PERSHING

(Continued From Preceding Page) of Illinois.

Progress Monitored

Pershing's progress as monitored by Pinyerd includes the selection of Martin Company's Orlando Division over six other companies bidding for the job of prime contractor.

The original contract was signed on March 28, 1958, and one year later the first Pershing was delivered to ABMA for static test and captive firing. The first free firing was at Cape Canaveral on February 25, 1960, and that one, and all firings since, used the system's erector-launcher instead of the more conventional firing stand.

Pershing, named after General of the Armies John J. Pershing, has taken its tactical form—a weapon system that will operate over almost any kind of terrain and in any kind of weather or climate—under project manager control. It has a quick reaction capability, to be able to arrive at a site, set up and fire, and move out again in minutes in an application of "shoot-and-scoot" techniques.

The missile itself has a 40-inch diameter body made up conventionally of warhead, guidance, second and first stage propulsion, starting at the top and working down.

An inertially guided missile, Pershing carries its own guidance computer. This computer, acting in connection with a stable platform, detects any deviation from the programmed flight path, previously supplied by the firing data computer, and generates error signals from which flight corrections are made. These flight corrections are made by hydraulically operated missile control surfaces.

On the ground, a Pershing firing unit is carried on four XM-474E2 tracked vehicles. The vehicle is a modified M-113 tracked vehicle converted specifically to transport the Pershing system. These vehicles have a 200 mile cruising range, can speed up to 40 miles an hour and ford shallow streams and lakes.

Pershing has added mobility by adapting it to the C-123 aircraft and the Boeing Vertol Chinook (YH-1B) helicopter.

Ace Troubleshooter

A Kansas native, Paul A. Wisner, is Col. Hirsch's technical advisor. Ace troubleshooter for the Project Manager, Wisner said his primary areas of concern are in the management, procurement and production fields.

Functionally, Wisner is the project manager's "right hand man" and the tech advisor laughingly called himself the organization's "hatchet man."

Wisner, a Navy veteran, received his degree at the University of Kansas in business administration and did graduate work in economics at the University of Wichita. He has both industry and

prior government experience which includes assignments with the Department of Justice and the Industrial Division, Office Chief of Ordnance.

Since coming to Redstone, he has worked in the industrial phases of missile systems such as Redstone, Jupiter and Pershing. Wisner is presently ramrodding the six-months contracting study.

Field Offices

Lt. Col. William E. Hughes, of Summerville, Massachusetts, who represents Col. Hirsch at the Army Materiel Command, is the communications link between Redstone and higher headquarters.

The Orlando Field Office is staffed by 30 permanently assigned engineers and technicians headed by Charles W. Parker. The engineers are the "eyes, ears and mouth" of the project manager in the Martin Company plant.

Parker's office is responsible for providing the contractor with on-site technical supervision. All technical direction from the Missile Command is channeled through the field office.

Field office chiefs are Paul Noller, deputy office chief, William Lambert, Engineering Branch, William Rabon, Supply and Maintenance Branch, and Eugene Jacobus, special assistant for Quality Assurance.

A ten-year Redstone Arsenal veteran, Parker formerly worked on the project management staff of the Ordnance Missile Laboratory on the Nike Ajax, Nike Hercules, Hawk, Lacrosse and Corporal. Parker was chief of the Pershing Firing Operations at Cape Canaveral for a year before going to Orlando in July, 1961.

Operations Office

A two-branch Operations Office with Roland O. Wildhagen as the chief is the "services" staff for Col. Hirsch. Wildhagen pointed out the Operations Office existed before Pershing

became a project manager organization, and in that time the office tailored its services to the needs of Col. Hirsch.

Wildhagen, whose hobbies include raising chickens, said that his group handles the in-house budget normally controlled by the Project Management Office in other systems. "We have other functions peculiar to our own operation, because of the early influences, he said, adding that he "feels the office is more effective because it has tailored its services to the needs of the project manager."

Mrs. Dorothy Mintz, chief of the Administrative Services Branch, conducts personnel programs and cares for the many administrative chores of the large organization. Sam Garner, Policy and Projects Branch chief, keeps an eye on the organizational structure and functional alignment of his office. His job is to advise the project manager on manpower, policy and procedures, missions, mobilization and emergency operations.

Pershing's "big picture" is kept



THE GIRLS AT THE DESKS—These girls "man" the desks in the offices of Col. Hirsch and other Pershing officials. Pictured from the left are, Willa Dean Claud, Procurement and Production; Lana Thomason, Program Management; Iris Chandler, Mr. Wisner's secretary; Betty Holland, System Engineering; Willie Entrekin, Operations Office; Louise Julich, Col. Hirsch's secretary; Wanda McDonald, Mr. Pinyerd's secretary; Roberta Tuck, Col. Hirsch's office; and Marguerite Martin, Quality Assurance.

up to date by Program Management Office Chief James E. Spencer. The veteran civil servant develops overall planning, direction and control of system performance, schedules and costs.

Spencer was born in Gary, Indiana, attended the University of Florida, and has worked both in Ordnance inspection and management fields since 1941.

He came to ABMA in 1957 as manager of the Industrial Planning Office and while in that position became largely responsible for the establishment and staffing of the newly formed Planning Office. He was closely associated with the industrial programs for Redstone, Jupiter and Pershing.

His deputy is Capt. Robert P. Johnson, a 1955 West Point graduate and his branch chiefs are George Butz, Plans and Programs, and Cecil Stump, Review and Analysis.

Big Spenders

"Big spenders" in Pershing are piloted by a former Air Force flight instructor. Edward (Foxy) Foxworthy as chief of Procurement and Production Division, is charged with the largest budget of all the Army's missile systems.

Foxworthy points out that early emphasis on breakout procurement makes his office responsible for 42 prime contracts.

These contracts are in addition to contracts awarded by other government agencies supporting Pershing.

Breakout procurements are divided up in such a way that Martin Company has 35 per cent of the total budget while the remaining 65 per cent is spent with 35 to 40 other contractors.

Illustrating his point, Foxworthy said Martin has a piece of the missile while the remaining parts come from other contractors and government agencies. The Munitions Command provides the warhead; Bendix Corporation builds a vital portion of the Martin produced guidance and control section; and motor cases bought separately are loaded in still another plant.

Ground support equipment is bought much the same way, Foxworthy says. While Martin also produces major pieces of GSE equipment, Hayes International Corporation makes the Pershing trainer; Universal Match manufactures the transporter-erector-launcher; and FMC Corporation has the tracked vehicles.

Deputy Chief

John L. Weible is Foxworthy's deputy chief. Branch chiefs are Frank Ellis, Procurement Planning Branch, J. W. Kerr, Procurement Execution Branch, Charles Bevan, Contracts Performance Branch, and Kent Jones, Review and Analysis Branch.

The Missile Command took de-

livery of the first tactical Pershing system at Martin's Orlando plant in October. This system was immediately turned over to a unit in training at Fort Sill, Okla.

Systems Support

Lt. Col. Rudolph J. Schofield, Chief, and Robert L. Reeder, Deputy Chief, direct the System Support Division having the primary mission of logistic support.

Col. Schofield, a graduate of Washburn, University, Topeka, Kans., came to Redstone Arsenal in 1961 after three years at the Pentagon.

Maintenance engineering performed by this Division begins during the design concept studies with the development of the

Maintenance Philosophy, and continues throughout design and development to assure that approved maintenance philosophy is adhered to, and that maximum maintainability is "built in" the system.

The investigation, evaluation, and corrective action of service troubles begin when the system is initially fielded and continue throughout the life of the system. Maintenance personnel, from test data, establish maintenance standards, schedule reconditioning, retrofit or modification schedules, and conduct surveillance of explosive items.

Selection of repair parts, establishment of echelons of maintenance, and determination of maintenance factors are other important aspects of maintenance engineering.

The System Support Division also assembles the tools and test equipment; determines quantities and allocation of equipment; provides timely supply and technical manuals for operation and maintenance of the system; monitors national supply support for the system; assures compatibility of training plans with availability of systems equipment, training devices and training facilities; monitors depot maintenance, rebuild and repair programs; and determines or coordinates the requirements for calibration, packaging, (Continued on Next Page)



Wisner



Wisner



Spencer



Schofield



Foxworthy

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Provides Training

When the system becomes an item of issue to the troops, the Division assures that qualified Department of the Army technicians are provided to Army field commanders, worldwide, to advise, assist and to aim support personnel in the maintenance and supply of the Pershing System.

Branches of this Division are the Maintenance Branch headed by Mr. Samuel Cowell, the Support Services Branch by Mr. Harold Jackson, the Liaison and Training Branch by Capt. David Smith, and the Requirements and Coordination Office by Capt. Carl Konkle.

Quality Assurance

Pershing's highly successful firing record is a direct result of the Quality Assurance Division, of which James E. Broughton is the leader.



Broughton

ing that missile materiel manufactured and supplied to the troops conforms to military requirements."

His division provides technical direction to procurement districts, other Government agencies and contractors on all quality matters. Broughton said "Our quality assurance responsibilities begin with development and continue through production, field use and stockpiling."

Harold Dicks, chief of Quality Engineering Branch, is charged with insuring that the system is manufactured as it was designed. Dicks periodically conducts quality surveys designed to provide an engineering evaluation of product compatibility with design, manufacture, inspection and test, and field use.

Broughton holds a mechanical engineering degree from Auburn

University. A native Alabamian, he was engineer with the Vicksburg District of Corps of Engineers for three years before beginning a missile career.

The Quality Test Engineering Branch is responsible for developing and directing a test and evaluation program on Pershing. Chief Ron Chancy's program includes pilot lot and preproduction sample tests, in-process and final acceptance tests, quality assurance flight tests and others to establish end item compliance with design intent.

A cosmopolitan engineering society could be formed by engineers in the System Engineering Division. Engineering Chief William K. Jann said the cumulative experience of the division personnel is his organization's greatest asset.

Trained engineers from all over the country bring fresh, new and different approaches to the Pershing engineering challenge, he asserted.

Engineering Philosophy

Jann commenting on engineering philosophy had this to say.

"I try to preach the philosophy that once a weapons system has been proven to perform satisfactorily and the system has been placed in production, only design changes that are beneficial to the government, either directly or indirectly, should be approved. Of course this does not apply to small deficiencies found during a continuous testing program.

"Engineers are never against change, but we do not change something that is working."

Jann's philosophy is reaffirmed with successful launch of Pershing.

A woodworking and water sports enthusiast, Jann is a native of Brooklyn, New York. He earned a mechanical engineering degree from the University of Colorado in 1949.

Jann has had formal training in special weapons and missiles as



Jann

well as top management procedures. He has been with Pershing since April, 1960, when he was Pershing missile system engineer for Industrial Division, ABMA.

The missile planner became deputy director of the Engineering Division of Industrial Operations, ABMA, in 1961 and was appointed chief of the Intermediate Range Ballistic Missile systems for Industrial Operations in 1962. In this position he was responsible for procurement, production, planning and industrial engineering for Pershing and Lacrosse.

Deputy Chiefs

A former West Point athlete, Maj. Charles F. (Chuck) Means, and Jim Brown, a Mississippi State University man, hold the division's number two positions.

Maj. Means was a basketball playing cadet while at the Academy from 1946-1950. He has the title of deputy chief of Systems Engineering Division, while Brown is deputy chief for system integration.

Jann called attention to his Test and Reliability Branch. He said a T&R branch is not normally under System Engineering but the organization was set up because Col. Hirsch saw a close tie between testing people and production people who must make adjustments when problems are discovered.

T&R Branch Chief Fred Chelton who holds an electrical engineering degree from the University of Colorado, directs one of the most comprehensive environmental test programs found in the business. He monitors preflight certification at the Cape Canaveral operations, local weapons testing at Orlando; and Arctic testing presently being conducted at Ft. Wainwright, Alaska.

A University of Detroit EE graduate, Wally Wagner, is chief of the Airborne Engineering Branch. Wagner controls initial design and approval of all changes to the missile and its flight instrumentation. He supervises the contractors' efforts on warheads, guidance and control, propulsion, instrumentation and aeroballistics.

Requirements

Engineering Requirements Chief John Godman, recipient of both electrical and mechanical degrees from Oregon State University, is charged with the engineering management functions. He established technical requirements to meet program objectives and is responsible for documentation, standardization process engineering,

Boy Scout Leaders To Meet At School

The U. S. Army Ordnance Guided Missile School will host about 150 district leaders of the Tennessee Valley Council of the Boy

Scouts of America on Jan. 25 and 26.

The event will be the annual training seminar for the leaders. Colonel William J. Macpherson, commandant of OGMS, will be the group's official host.

Those attending the meeting will receive instruction in organizing and supervising an effective scouting program. Training sessions and group discussion will deal with leadership training, organization, extension service, finance, camping and related activities.

Eight North Alabama counties are represented on the council and scout officials are expected from Decatur, Florence, Sheffield, Tusculumbia, Russellville, Moulton, Hartselle, Cullman, Huntsville, Scottsboro, Stevenson and Bridgeport. Dan C. Mitchell of the Cotaco District, recently reelected president of the Tennessee Valley Council, will preside over the opening session.

Maj. James M. MacDonnell, commander of the school's Unit Training Command will assist professional staff members of the Tennessee Valley Council in planning this year's program.

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FAMILY AFFAIR—With his family on hand for the ceremony Lt. Col. Charles W. Holmes, former director of the Department of Individual Training at the Ordnance Guided Missile School, retired. Col. William J. Macpherson, Commandant, presents the retirement certificate and awards an Army Commendation Medal. Left to right are: Cheryl, Joan, his wife, Edna, Margaret and Gail. Lt. Col. Holmes has been at OGMS since 1958.

Lt. Col. C. W. Holmes Retires After 20 Years

Lt. Col. Charles W. Holmes, former director of the department of Individual Training at the Ordnance Guided Missile School has retired from active duty.

He was awarded the Army Commendation Medal in a recent ceremony by Col. William J. Macpherson, commandant of the Guided Missile School, and was cited for his outstanding contributions to the training mission of OGMS.

Before coming to OGMS he served as the Ordnance Advisor to the Military Assistance Advisory Group in Addis Ababa, Ethiopia.

Other key assignments during his career have been chief, plans branch, Operations Division of the Army Ordnance School at Aber-

Missile School Adds Barracks, Mess Hall

The Army Ordnance Guided Missile School is forming a new enlisted training company, acquiring

dean Proving Ground and chief of civilian components and training doctrine division of the Army Ordnance Training Command.

He was assistant Division Ordnance Officer for the 4th Inf. Div., and Ordnance Officer of the 1st Constabulary Brigade.

Lt. Col. Holmes graduated from the University of Cincinnati with a degree in Chemical Engineering and later returned to the University as professor of Military Science and Tactics for Ordnance.

A native of Ohio, Lt. Col. Holmes and family will reside at 206 Belingrath Drive, S. W., Huntsville.

three additional barracks and opening a 250-man mess hall to handle an influx of new students. It was announced last week.

Col. William J. Macpherson announced appointment of Lt. Wesley N. Laing Jr., 23, of Austin, Texas, as commanding officer of the Fourth Enlisted Training Company in the School Troop Command. The company will handle administrative and housekeeping for additional students who began arriving here this week.

Lt. Laing entered the Army in 1961 after graduating from the

Missile School Classes Expand

Mid-year registrations at the Army Ordnance Guided Missile School this week indicate that the average number of students in training will be close to 1,800 per month by June, the highest in the school's 10-year history.

Col. William J. Macpherson, commandant, said the first students from Korea, along with new groups from China, France, Germany, Italy and the U. S. Army and Marine Corps have reported for individual training on several missile systems.

At the same time, 17 American and foreign missile support units are programmed for instruction by the school's Unit Training Command between now and June. These units will be deployed with tactical forces in the U. S. and overseas.

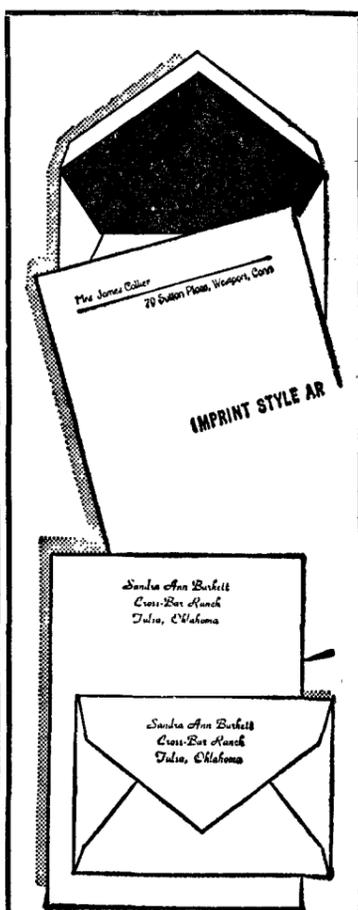
Col. Macpherson added that part of the student increase is due to the transfer here from Fort Monmouth, N. J., of a course in basic electronics which is required for all Army missile maintenance technicians. About 250 students per month will receive this course coming directly from the eight weeks of fundamental military training they will receive upon entering the Army. Elimination of travel to and from Fort Monmouth

University of Richmond, Va. He and his wife reside at 214-F Dyer Circle, Redstone Arsenal.

Buildings 3203-5-7 are being turned over to the School Troop Command to house additional students, while the additional mess hall will be operated in Building 3480, formerly occupied by the Army Missile Support Command's military personnel division.

and other Army posts is expected to result in substantial savings.

A rise in the number of foreign students arriving for training is also anticipated. Col. Macpherson stated. Adoption of the Hawk air defense missile as a standard weapon for the 15 nations of the North Atlantic Treaty Organization will bring additional students from Europe. A large increase in German students is expected as a result of the recent adoption of the Sergeant ballistic missile by West Germany.



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Missile Command Wives To Hold Coffee Jan. 22

Wives of officers assigned in Air Defense Systems of the Army Missile Command will be hostesses for the monthly coffee of the Missile Command wives at the Squirrel Hill Officers Club, Jan. 22 at 10 a.m.

The program preceding coffee will be a film, "Broken Bridge" starring Audie Murphy. The film will be shown in the Hawk Room. Coffee will be served in the Redstone Room.

Mrs. I. O. Drewry is taking reservations until noon Monday.

Mrs. French Wins At Party Bridge

Mrs. Donald E. French scored high at party bridge sponsored by the Redstone Arsenal Officers Wives Club Thursday.

Nine tables were in play during the morning. Second high was Mrs. Stephen Dobbs with Mrs. R. W. Washburn third.

Reservations to play with the group are handled by Mrs. T. R. Edwards, 877-5460. All members and associate members of the Wives Club are eligible to play.

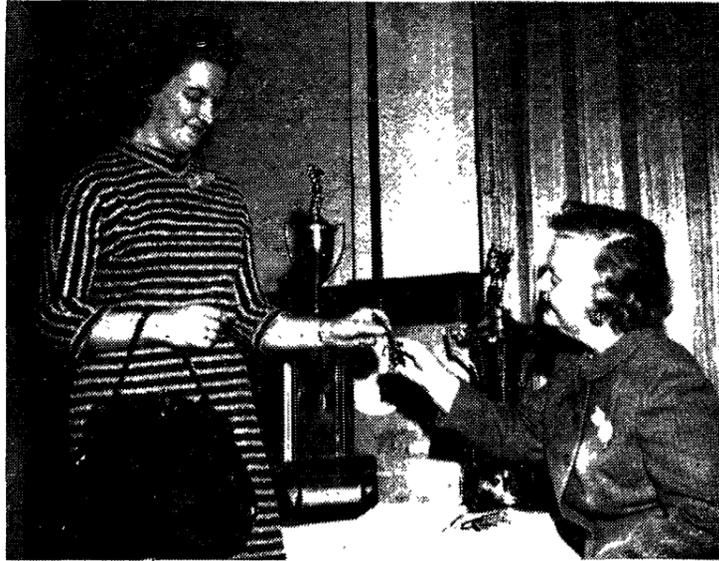
Couple Takes Home Party Bridge Trophy

Monday night party bridge winners at the Squirrel Hill Officers Club last week were Mrs. Winford Patton and Lt. Col. F. E. Moore.

Seven tables were in play during the evening. Runnersup in scoring were Lt. Col. and Mrs. Melvin Kirchhofer.

Mrs. F. E. Moore is handling reservations.

SOCIAL and CLUB EVENTS



GOLFERS—Mrs. R. H. Maurer accepts a pen from Mrs. D. F. Shepherd at the Newcomers Coffee at Redstone Arsenal last week. Newcomers and established members both signed up for programs sponsored by the Redstone Arsenal Officers Wives Club. Mrs. Shepherd is chairman of the Golf Group.

Newcomers Coffee Opens '63 Wives Club Programs

New Year' programs for the Redstone Arsenal Officers Wives Club began with a Coffee for newcomers at the Squirrel Hill Officers Club Tuesday (Jan. 8).

In the receiving line were Mrs. F. J. McMorrow, wife of the Commanding General, Army Missile Command, Mrs. H. P. Persons, wife of the Deputy Commanding General, Air Defense Systems; and Mrs. Charles R. Graham, Wives Club president.

Approximately 135 members of the Wives Club, including the newcomers, attended the event at which activities sponsored by the organization were featured. Everyone was given an opportunity to sign up for the activities in which she is interested.

Chairmen of the groups or representatives manned the separate booths lining the perimeter of the Hawk Room. They included Mrs. R. P. Davidson, Scouts; Mrs. F. B. Goodman, duplicate bridge; Mrs. E. V. Lau, bowling; Mrs. D. L. Shepherd, golf; Mrs. F. L. Furphy, Gray Ladies, Mrs. R. U. Scott, Thrift Shop; Mrs. A. C. Blake, art; Mrs. D. H. Mytinger, Garden Club; Mrs. J. R. Marsh, membership; Mrs. H. L. Rutledge, square dance;

Mrs. R. J. Schofield, sewing and teenage club; Mrs. T. W. Ellis,

ceramics; Mrs. R. R. Jackson, party bridge.

Pouring during the event were Mrs. E. R. Billings, Mrs. Harold Griffin, Mrs. Reynolds Washburn, Mrs. Ira Seidman, Mrs. Robert M. Pearce, Mrs. Melvin Kirchhofer, Mrs. William Tarr, Mrs. H. B. Holmes, Mrs. Philip Burleson, Mrs. Eugene Krembs, Mrs. Robert Hartmann, Mrs. R. A. Robinson, Jr.; Mrs. T. R. Edwards, Mrs. R. C. Leech, and Mrs. Alfred Holston.

Among the guests was Mrs. Milton Henry Katz, of Columbus, Ohio, mother of Col. H. R. Katz, Deputy Chief of Staff, Army Missile Command.

The Wives Club President, Mrs. Graham, introduced the Hospitality Committee which includes Mrs. Lewis M. Anderson, Mrs. Philip Burleson, Mrs. W. W. Jackson, Mrs. Bruce E. Dahrling, Mrs. A. A. Hord, Mrs. J. P. Ross, Mrs. R. H. Sandstrom, and Mrs. Frank E. Moore.

Mrs. J. O. Green, Jr., was chairman for the day's program, and Mrs. Earl Otto handled registration of members. Three members of the Hospitality Committee registered the newcomers.

NCO Election Is Jan. 21; SFC Belcher Is Secretary

SFC Leonard Belcher of Lawrence, Mass., has been named Redstone Arsenal's NCO Club secretary, replacing SFC James Walden, scheduled to retire soon.

SFC Belcher has had 19 years of Army experience with 14 years and four months of it in Europe, a total of five tours.

Someday he wants to take a walk that he took in the last days of World War II when he was an Infantry rifleman with the 34th Division. He walked from Naples to Austria.

More immediately he is planning to add another party room to the NCO Club. To take care of the volume of business at the Club,

SFC Belcher has 43 employees. The Club averages a membership of 1200, and is run by a Board of Governors. The present chairman of the board is SFC Vincent DiAngelo. Election for a new board and president is scheduled on Jan. 21.

Belcher is not planning any drastic change in the Club's operation. He has been second in command since he came to Redstone Arsenal in July, 1959.

The Belcher's live at 1306 B Jupiter Street. The family includes Mrs. Belcher (Edith), Judy Ann, 14; Charles, 10; Linda Sue, 7, and Barbara Jean, 15-months.

MATHEWS TO TALK TO MILITARY ENGINEER GROUP

The American Society of Military Engineers will meet at the Squirrel Hill Officers Club at 6:30 p.m. tomorrow night.

Dean Y. Mathews, Director of the City Planning Commission in Huntsville will be the principal speaker.

Mathews has worked with the Corps of Engineers as well as with several civic planning organizations. He is a native of Asheville, N. C.

Reservations for the meeting are being handled by Al Gieseke and Gus Brown.

Meteorology Group Plans Organization

To organize a chapter of the American Meteorological Society in the Huntsville area, an organizational meeting will be held at the University Center, Room 100, on Jan. 25, at 8:00 p.m.

The purpose of the Chapter will be "The development and dissemination of the knowledge of meteorology in all its phases and applications, and the advance of its professional ideals."

The only requirement for membership is to have an interest in meteorology.

Glenn E. Daniels, Aerophysics and Astrophysics Branch, Aeroballistics Division, 876-0917 (after 4:30, 539-6053) can furnish details.

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WELDERS TO HEAR ABOUT ALUMINUM

The Huntsville Chapter of the American Society of Welding will meet Thursday, Jan. 24 at 7 p.m. at the Kings Inn.

The two speakers for the program following dinner are G. O. Hoglund and J. H. Dudas of the Aluminum Company of America. They will talk about aluminum.

Reservations for the meeting are being handled by David Jefferys, 876-6075.

Instrument Society Schedules Meeting

The Huntsville Section of the Instrument Society of America will meet Tuesday night, January 22, at the Holiday Inn Motel. The social hour will begin at 6:30 p.m. and dinner at 7:00 p.m.

Guest speaker for the evening will be Alfred Eichmeyer, Chief of Instrumentation Branch, Manned Spacecraft Center, Houston, Texas. His topic will be "Manned Spacecraft Instrumentation Systems."

Dinner reservations may be made with C. E. Coe, Jr., at 536-5581 Ext. 518 before noon Monday, Jan. 21.

Births at Post Hospital

Daniel Jay Huber, 7 lbs., 5 ozs., Jan. 4, son of Maj. and Mrs. Leo K. Huber.

Tamara Lynne Atcherson, 7 lbs.,

At the Service Club

By Brenda Hanson

Coming Attractions at the Service Club

The International House Student Night sponsored by the Huntsville Rotary Club and the Rocket Service Club, is scheduled for Feb. 8. Following a buffet at 5 p.m. a program will be presented by students from Jacksonville College beginning at 7 p.m. All military personnel are invited. A special invitation is extended to the Foreign Troops.

The second main attraction for the month of February is the Sweetheart Semi-Formal Dance honoring the Birmingham Junior Hostesses. Men get your coats and ties ready for the social event of the year.

The third attraction is "A Night at Harold's Club." The Service Club will be converted to a Reno Night Club including cigarette girls and a floor show. This you won't want to miss.

ATTENTION: Talent Wanted. Anyone who has talent of any caliber, its you we are looking for. Hurry! Hurry! Hurry! A Post-Wide talent contest is in its early stages of development. As it develops, we urge you to get on the program. Entries are now being taken at the Service Club. For further information, drop by the Service Club office and ask either of the staff members or PFC Art Kalin.

12½ ozs., Jan. 4, daughter of SFC (Ret.) and Mrs. Bonnie L. Atcherson.

Jeanne Lee Tingley, 7 lbs., 13½ ozs., Jan. 5, daughter of PFC and Mrs. Ronald L. Tingley.

Maria Elizabeth Johanna Lallman, 6 lbs., 12b ozs., Jan. 7, daughter of PFC and Mrs. James B. Dallman.

Troy Donovan German, 5 lbs., 15 ozs., Jan. 8, son of Pvt. and Mrs. Donovan D. German.

Michael Wayne Jefferson, 6 lbs., Jan. 8, son of SP4 and Mrs. Joseph L. Jefferson.

David Franklin Vaughn, 10 lbs., 1 oz., Jan. 8, son of SP4 and Mrs. Franklin D. Vaughn.

Lance Wade Kesterson, 6 lbs., 14 ozs., Jan. 8, son of SP5 and Mrs. Albert O. Kesterson.

Gregory Dean Birkmire, 7 lbs., 8½ ozs., Jan 8, son of SP4 and Mrs. Robert A. Birkmire.



COMPARING GLOVES—Two Redstone Arsenal military policemen compare traditional white gloves and a new issue item, luminous orange gloves. PFC. Carlton C. Hathaway and PFC. David L. Dalton, both members of the 291st Military Police Traffic Section, display their new equipment. The gloves are designed to make signals easier for motorists to see in hours of darkness and near-darkness.

MPs Wear Flashy Gloves

Ever since white-robed Romans started chariot races with a wave of their hand, signalmen have had a tough time making sure their gestures were seen and understood.

Last week at Redstone Arsenal

RETIREES TO MEET

The Retired Officers Association will hold a dinner meeting with wives at the Redstone Arsenal Officers Club Jan. 18 at 6:30 p.m.

The group will meet in the Hawk room. Reservations are being handled by Lt. Col. George Melochick (ret.), 1001 Hampshire Drive Southeast Huntsville. Reservation deadline is Jan. 16.

in what may have been another "first" for the U. S. Army, military police proudly donned a new piece of equipment: luminous gloves.

The gloves shine in the dark, permit movement of fingers, keep hands warm and boast the economically popular advantage of being cheap—\$1. a pair.

Like the Romans, the 291st Military Police Traffic Section found their white-gloved hand signals sometimes blended with their white hats or light-colored buildings in the hours of darkness and near-darkness.

First came experiments with reflective cross shoulder belts, which promptly proved unsatisfactory. Next came trials of standard black Army-issue gloves. Then Traffic Section settled on a brilliant luminous glove offered by a Tennessee firm.

Comments one military policeman who daily waves hundreds of drivers through the Arsenal gates: "Reflective gloves are a big help. Drivers see them easily in semi-darkness. They make directing traffic considerably easier."

"It may be," says 1st Lt. Michael Lanzarone, Provost Marshal Operations Officer, "that the 291st Traffic Section is the first military unit to use reflective gloves. At least, no one seems to know of any used elsewhere."

The Redstone Rocket — January 16, 1963 Page 9

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Hardtop, V8, auto., radio, heater, new overhauled engine. Nice car, Book value average \$345.00 to clean \$430.00.

1957 Ford 2-Dr.

Hardtop, V8, auto., radio, heater. Book value average \$410.00 to \$570.00 clean.

1956 Olds 2-Dr.

Hardtop, red and white, auto., radio, heater, power steering. Book value clean \$380.00 to \$460.00 extra clean.

1961 Chevy Corvair

Wagon, Lakewood, radio, heater, stick shift, extra clean. New tires, One owner. Book value \$1300.00 extra clean to \$1450.00 like new.

1958 Chevy 4-Dr.

Bel-Air, V8, auto., radio, heater, power steering and brakes, new tires. Clean car Book value average \$610. to \$765.00 clean.

1957 Chevy Bel-Air

2-Dr. V8, auto., radio, heater. A nice car. Book Value clean \$630., extra clean \$720.00.

1957 Cadillac 4-Dr.

Sedan DeVille, full power, new tires, low mileage. Clean Car. Book Value average \$840. to \$1020.00 clean.

1959 Ford 2-Dr.

Hardtop Galaxie, V8, auto., radio, heater, clean. Book Value average \$870.00 to \$1060.00 clean.

1957 Plymouth 4-Dr.

Belvedere, V8, auto., radio, heater, clean. Book Value average \$335.00 to clean \$510.00.

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1955 Chevrolet 4-Dr.

Bel-Air, V8, stick shift. Book Value average \$235.00 to clean \$380.00.

1955 Dodge 2-Dr.

Hardtop, V8, auto., radio, heater. Clean Car. Book Value average \$320.00 to clean \$405.00.

1956 Pontiac 4-Dr.

Hardtop, black & white, auto., radio, heater, new tires, clean. Book Value clean \$400.00 to extra clean \$480.00.

1958 Chevy 2-Dr.

Hardtop Impala, radio, heater, V8, auto. Book Value clean \$870.00 to \$945.00 extra clean.

1959 Ford 4-Dr.

Radio, heater, V8, auto. Southern car. Low mileage. Book Value average \$815.00 to clean \$1,000.00.

1958 Chevy 4-Dr.

Bel-Air, bronze & white, 6 cyl., auto., radio, heater, extra clean. Book Value clean \$735.00 to extra clean \$ 850.00.

1958 Chrysler 4-Dr.

Hardtop "Windsor", V8, auto., power steering and brakes, radio, heater, newly overhauled engine. Clean. Book Value average \$570.00 to clean \$ 740.00.

1957 Olds 2-Dr.

Radio, heater, new tires, auto trans. Book Value average \$275.00 to clean \$460.00.

1956 Pontiac 2-Dr.

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General Butchers To Meet Civilian Guardsmen Today

The chief of the Army's military police, Maj. Gen. Ralph J. Butchers, today is continuing his two-day visit to personnel and facilities at Redstone Arsenal.

Gen. Butchers is scheduled to meet personnel of the Civilian Guard Force at 8 a.m. today. The Department of the Army's Provost Marshal General will then travel to the Central Police Station where he will meet off-duty military police.

Today's events will end when Gen. Butchers receives a briefing on traffic, vehicle decals and other military police matters.

Hosting Gen. Butchers' visit to Redstone is Col. Robert M. Allgeier, Assistant for Intelligence, Operations and Security.

After his arrival here Tuesday, the Provost Marshal General met with Maj. Gen. Francis J. McMor-

Ex-Missile Chief Departs Redstone

Lt. Gen. August Schomburg leaves Huntsville today following his first visit to the Army Missile Command since he relinquished command last April.

Gen. Schomburg, now the Commanding General of the U. S. Army Supply and Maintenance Command at Washington, D. C., will return to his headquarters this morning.

His official visit to Redstone Arsenal opened Tuesday with a luncheon with key officials of the Missile Command. While visiting, the general met with Maj. Gen. Francis J. McMorrow, Commanding General.

Gen. Schomburg also held detailed discussions with Col. R. W. Van Wert, Director of the Missile Command's Directorate of Supply and Maintenance, and the directorate staff.

The general was Commanding General of the Army's missile programs from February, 1960, until April, 1962. When he was promoted to the rank of Lieutenant General, he also assumed a new assignment as commander of the U. S. Army Supply and Maintenance Command.

While in this area, Gen. Schomburg visited the Atlanta General Depot and the Anniston Depot. Both organizations are field elements under his Supply and Maintenance Command.

row, Commanding General and Col. Thomas W. Cooke, Commander, Army Missile Support Command.

It is Gen. Butchers' second visit to Redstone. He was here in February, 1962. His visit is part of a routine tour he is making of installations within the Third U. S. Army Area. Accompanying him is Lt. Col. R. E. Vail, Provost Marshal Office at Third Army Headquarters.

Before leaving Redstone today, the Provost Marshal General will meet again with Gen. McMorrow.

Military To Form Audio-Visual Club

Members of military installations throughout Alabama will meet Saturday in Birmingham to map groundwork for what they hope will become a state wide audio-visual organization affiliated with the National Education Association.

Leading the drive at Redstone Arsenal to establish the group as an extension of the Department of Audio-visual Instruction of NEA is John Kubilis, Jr., of the Army

Missile Support Command. Kubilis also serves as chairman of the NEA's Department of Audio-visual Instruction.

Representatives of the Marshall Space Flight Center here plan to attend the 11:30 a.m. meeting at the Birmingham King's Inn, along with personnel of the Army Missile Command, Army Missile support Command and the Ordnance Guided Missile School.

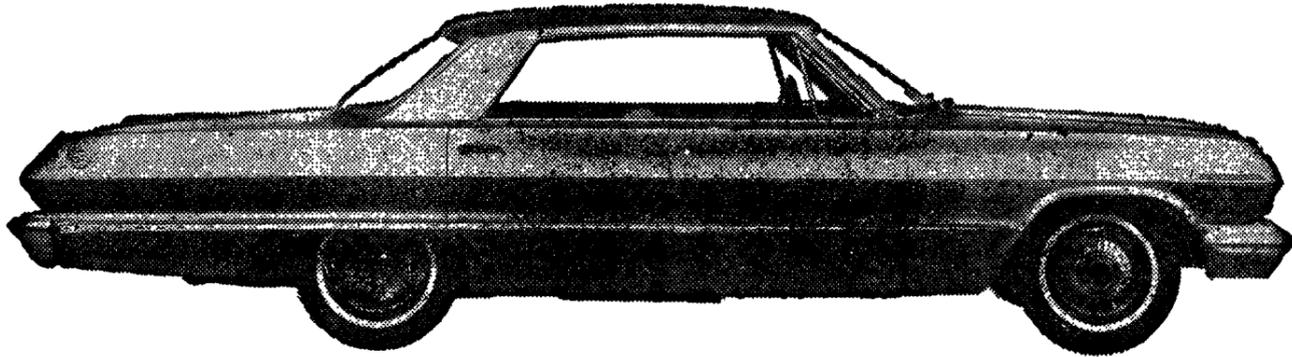
The organization is to be known as the Alabama Armed Forces, Audio-visual Chapter. It will be designed as a central point for exchange of ideas and techniques. Redstone Arsenal personnel scheduled to attend include

George Hartselle, Army Missile Support Command; C. N. Markvart, Ordnance Guided Missile School; Ben Humphrey, Procurement and Production Directorate; NASA officials and representatives of various contractors working in conjunction with the Army.

Audio-visual techniques are used in closed circuit television, programmed instruction and various other teaching methods which include filmed material.

Interested persons are invited to telephone Kubilis at 876-2112, or attend the meeting.

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Sports by Handy

By SFC Robert Handy

Misc. Sports News

During the month of December, 1962, the Sports Branch held its first Handball Tournament at the Work-Out Bldg., Bldg. 3474. The final results have finally come in. Twenty-eight players participated in the Tournament from various units at Redstone. The Tournament ran from Dec. 10th through Dec. 18th and was on a single elimination basis. The run down of the tournament is as follows:

DEC. 10TH

Capt. Howard King, Hq AMSICOM lost to Sp4 Robert Brown, Hq UTC.

Capt. Jerry Nicks, OGMS, lost to Pfc Robert Wolitz, Hq AMSC.

Pfc. Thomas Sabourin, Hq AMC lost to 1st Lt. William Bock, Hq AMISCOM.

Lt. Bradford Davis, 291st M. P. Co., lost to 1st Lt. T. N. Cox, OGMS Student.

Pvt. John O'Neal, Co. A, OGMS, lost to 1st Lt. T. H. Lynch, OGMS Student.

SFC. Irving Lyles, Hq AMSC, forfeited to Capt. Joseph Rosenfield, OGMS Student.

DEC. 11TH

Capt. Lee Erminger, OCDAMSA lost to Sp4 R. A. Kaiser, Hq AMC.

Sp4 Norman Weitzer, Hq AMSC lost to Major M. J. Dooley, Hawk Branch, OGMS.

Pfc C. S. Robinson, 1st ETC lost to Major Alvin Burlison, OGMS.

3rd Lt. J. Weiss, Hq AMSICOM lost to Pvt. O. McGee, Co. B OGMS.

Sp5 Willie Kelley, Hq AMSC lost to Capt. Raymond Reymbish, Hq OGMS.

Pfc. Richard Berner, Hq AMSC lost to Pfc. P. Campa, OGMS.

DEC. 12TH

Pfc Thomas Lambert, Hq AMSC lost to Pfc Robert Demo, Co. B, OGMS.

Sp4 Robert Brown, Hq UTC, lost to Pfc Robert Wolitz, Hq AMSC.

1st Lt. William Bock, Hq AMISCOM lost to Major Alvin Burlison, OGMS.

1st T. N. Cox, OGMS Student, defeated Pvt. O. McGee, Co. B, OGMS.

1st Lt. T. H. Lynch, OGMS Student lost to Capt. Joseph Rosenfield, OGMS Student.

Pvt. D. V. Damm, Co. A OGMS lost to Pfc Jerry Sluger, Hq AMSC.

DEC. 13TH

Major M. J. Dooley, Hawk Branch, OGMS lost to Sp4 Robert Kaiser, Hq AMC.

Pfc P. Campa, OGMS, lost to Capt. Raymond Reymbish, Hq OGMS.

DEC. 14TH

Pfc Robert Wolitz, Hq AMSC lost to Pfc Robert Demo, Co. B OGMS.

Sp4 R. A. Kaiser, Hq AMC, lost to Major Alvin Burlison, OGMS.

Pfc P. Campa, OGMS, lost to 1st Lt. T. N. Cox, OGMS Student.

Capt. Joseph Rosenfield, OGMS Student lost to Pfc Jerry Sluger, Hq AMSC.

DEC. 17TH

Major Alvin Burlison, OGMS lost to Pfc Robert Demo, Co. B OGMS.

1st Lt. T. N. Cox, OGMS Student lost to Pfc Jerry Sluger, Hq AMSC.

DEC. 18TH

Pfc Jerry Sluger, Hq AMSC lost to Pfc Robert Demo, Co. B OGMS in the Championship match.

Anyone, military or dependents interested in more handball tournament play contact Sfc James Whisenant, Sports Branch, 876-4065.

Bowling

The standings of the leagues bowled at the RSA Lanes as of January 8, 1963:

BANTAM LEAGUE

Team	Won	Lost
Jetsons	18	6
Lucky Strikes	17	7
Strikeouts	7	17
Wildcats	6	18

THURSDAY MORN. LADIES LEAGUE

Team	Won	Lost
Off 'N' On	35	17
Hit 'N' Misses	28	24
Up 'N' Down	21	31
Misfits	20	32

ARMY-AIR FORCE OFFICERS LEAGUE

Team	Won	Lost
Lucky Strikes	94	42
King Pins	90	46
Pin Splitters	83	53
Raiders	81	55
Black Jacks	80	56
Jupiters	58	78
AF Juplos	32	104
Hopefuls	26	110

200 Games: Townley — 214, 201; Slezak — 206; Mood — 202.

TRP. COMMAND LEAGUE

Team	Won	Lost
Raiders	37	15
OHMS	35½	16½
Rats	35	17
Curvals	35	17
S&E's	30	22
Jockeys	27½	24½

REDSTONE ARSENAL OFFICERS BOWLING LEAGUE

Team	Won	Lost
Slowburners	44	24
Robes	39	29
Bandits	39	29
Spoilers	38	30
Alleycats	27	41
Medico No. 5	17	51

Season Highs:

Top ten scoring in the Post Level Basketball League:

Name, Team	G	FG	33	T
Jordan, Hq & Hq UTC	7	59	33	151
Gentry, 291st MP	8	46	39	131
Hudson Hq & Hq AMSC	7	54	19	127
Kilpatrick Co B OSMS	7	48	14	110
Baker, J., Hq AMC	7	36	21	93
Thomas, 291st MP	8	39	13	91
Comstock Co A OGMS	7	39	12	90
Turner, 291st MP	8	36	13	85
Gray, H. Hq & Hq UTC	7	40	5	85
Terashima Co B OGMS	7	34	17	85
Miller, Officers	10	33	17	83
Neals, Hq & Hq STC	6	29	20	78

ARMY-AIR FORCE OFFICERS LEAGUE

Team	Won	Lost
Lucky Strikes	86	34
King Pins	82	38
Pin Splitters	73	47
Black Jacks	70	50
Raiders	67	51
Jupiters	52	68
AF Juplos	28	92
Hopefuls	90	100

OGMS OFFICERS LEAGUE

Team	Won	Lost
ADM	33	15
Bohunks	31	17
Researchers	26	22
OSTD	24½	23½
UTC Tiplers	16	32
Commoners	13½	35½

OFFICERS WIVES LEAGUE

Team	Won	Lost
Merry Mrs.	37	19
Jumpin Jacks	34	22
Hi Fi's	29	27
Alley Cats	28	28
Gamblers	27½	28½
Team No. 8	25	31
Happy Bowlers	22	34
E-Z Rollers	21½	34½

Basketball

The standings in the Post Level Basketball League is as follows:

Team	Won	Lost
Officers	9	1
291st M. P. Co.	7	3
Co. B OGMS	6	4
Co. A OGMS	5	5
Hq UTC	4	5
Hq AMC	3	6
Hq AMSC	2	7
Hq STC	1	8

Volleyball

The standings in the Post Level Volleyball League is as follows:

Team	Won	Lost
3rd ETC	4	0
Hq AMSC	2	0
1st ETC	1	0
Co. A OGMS	1	1
Co. B OGMS	1	1
Officers	1	3
Hq OGMS	0	2
291st M. P. Co.	0	2

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Examining Board Performs Vital Function For Army

The observance this week of the 80th anniversary of the enactment of the Civil Service Act finds the local Board of U. S. Civil Service Examiners performing a vital link between job applications and the diversified skills required by the Army at Redstone Arsenal.

Comprised of ten full-time employees, the Board is responsible for screening applications and preparing eligibility listings of personnel who apply for jobs with the Army Missile Command, the Army Missile Support Command and the Army Ordnance Guided Missile School in addition to several other Federal agencies in this area.

Last year more than 23,000 applications were processed from which approximately 1,100 persons were selected for employment.

Basically the local board is responsible for assuring that eligible candidates are available to fill positions when they are needed. This necessitates the maintenance of a roster of eligible persons for every civilian job category in the Redstone complex.

Selection of applicants is made on the basis of open competitive examinations, either assembled or unassembled. The full-time staff of technicians administers the testing and a panel of professional employees assist in evaluating the tests that apply to their individual profession.

In this way, career engineers judge the qualifications of other engineers while journalists are called in to evaluate applications submitted by journalists.

C. L. Barrineau is the chairman of the local board and Evelyn

Hiers is the Executive Secretary. A highly qualified personnel administrator, Mrs. Hiers has fulfilled the demanding responsibilities of the position since 1951.

Due to the diversification of talents required to accomplish the complex Arsenal mission, a similar examining board is established in the Marshall Space Flight Center with Georgia Lee Walls as the Secretary.

The two secretaries, under the technical supervision of the Atlanta Civil Service Region, operate in conjunction with each other. Miss Walls handles the applications for strictly professional type positions and Mrs. Hiers is responsible for all others.

Astronomers Will Hear Daniels On Solar Observation

The Rocket City Astronomical Association will hear Glenn Daniels talk on "Solar Observation" Friday, Jan. 18 at 8 p.m. in the University of Alabama, Huntsville Center Auditorium.

Daniels is employed at the Marshall Space Flight Center. He has a bachelor of science degree from the University of California at Berkley in astronomy and a master's degree in meteorology from California Institute of Technology.

From 1953-55 he was assistant superintendent of the Observatory in Sun Spot, New Mexico.

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200 ACRES—All level river bottom land almost surrounded by river. All sown to improved pastures and adequately fenced. Fair improvements and located 6 miles west of Fayetteville, Tenn. Priced at \$38,000—with \$8,000 cash.

80 ACRES level red North Alabama land—Located 1 mile south of Tenn.-Ala. State line, with 63 acres in cultivation. Improved with good small dwelling. Priced as a unit at \$20,000—smaller acreages will be priced separately if desired.

273 ACRES—6½ miles from Fayetteville—black-top road to farm, 6-rm. dwelling and bath, partial basement, tenant house, stock barn, dairy barn, other outbuildings. Well fenced, watered by well and springs. Priced at \$25,000—excellent terms.

135 ACRES—Livestock unit—14 miles west of Fayetteville on paved road—watered by well, springs and ponds—house, barn. Priced at \$12,500. Twenty-five head of polled Hereford cattle can also be bought if desired.

132 ACRES—Ten miles south of Fayetteville on good road—79 acres cropland all level to undulating—4 room house, barn, potato house, watered by wells, ponds, and running stream. Priced at \$20,000—with excellent terms.

216 ACRES—Livestock farm, five miles North of Kelso, practically all in permanent pasture—30 acres level, balance hills. Good 7 room house with bath, plenty of shade. Priced at \$22,500.

20 ACRES—Perfectly situated and unimproved. Ideal for the construction of your own home and for that freedom of country living. Priced at \$3500 on best of terms.

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104 ACRES—Extra good Ridge land—located near Camargo. There are 2 sets of buildings and the farm is located on good hard surface road. Must be sold subject to 1963 rental contract. Priced at \$20,000 with 29% cash.

APPROXIMATELY 100 ACRES—Level row-crop farm—located near Flintville on Brighton Road. Improved with good 6 room house with bath and heated with propane gas—fair stock barn. Extra good cotton allotment—rented for 1963 to good operators. Priced at \$17,000—terms.

150 ACRES—Located almost adjacent to City Limits on Petersburg Highway. Improved with good house containing 6 rooms and bath—excellent barn and other outbuildings. This property has many possibilities for farm operations or for ultimate development. Priced at \$26,000—terms.

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Page 14 The Redstone Rocket — January 16, 1963

EQUITY SALE BY OWNER — 3 bedroom, 2 baths brick with carport and storage, family room room, carpeted, 1630 sq. ft., in Parkway Shopping Center. Phone 536-8405. ttc

FOR RENT — Large comfortable room, private entrance and bath. Twin beds, to one or two ladies or Gentlemen. Excellent neighborhood, five minutes from gate one. Phone 534-5270. 1tp

FOR SALE — 1959 Westwood Mobile Home, 10'x50', excellent condition, washer, dryer, storm windows, \$3000.00. Phone 539-7281 or come by Shady Acres Trailer Park, lot 24. ttc

FOR SALE: Tel. 877-5143. 12 ft. aluminum boat, 14 ft. trailer. 650 lb. capacity. "Sea King" brand—1962 — \$150.00. Sofa-bed — fair condition, matching chair — \$30.00. 1tp

REPOSSESSED—Responsible party to assume payments on late model zig-zag sewing machine, 8 payments at \$6.40. Write Credit Manager, 522 Jordan Lane, Huntsville, Ala. 1tc

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FOR SALE BY OWNER — 3 bedroom brick and drop siding home in Hartselle. Two baths, double carport, chain link fence encloses back; storm windows, termite treated. On 104x175 ft. all-shady lot in beautiful Tanner Heights, Hartselle. Call SP 3-7491. ttc

MIRROW LAKE — Guntersville Lake, Honey Comb Creek section of Mirrow Lake. 3 bedroom, one-half basement, Boat house, 2 lots, \$10,500.00. VA, conventional financing. Ed Neely Realtor, 723 Broad Street, Guntersville, Alabama. 582-3914. 2-6c

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FOR SALE — One horse buggy. Ideal for restoring, or use for display as flower bed. Phone 773-6032 Hartselle, Ala. tffc

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. ttc

OLD COINS — I buy old coins—old gold coins; Indian head pennies, complete sets; Canadian coins. Darrell Sanders, Grand News Stand, Clinton Ave., downtown Huntsville. ttc

FURNISHED — Modern 2 bedroom house. Also housekeeping units and motel rooms. Fishing pier and dock. Apply Nolan Motel, Guntersville. 582-3178. 2-20c

PIANO INSTRUCTION — Register now for after Christmas Holidays. We will have a few openings in Lakewood, Blossomwood, Thornton Acres, Darwin Downs, and Bankhead Estates. For more information call Mrs. John Dudley. Phone 536-8444. ttc

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FOR SALE — Antique rocking chair, large picture frame, 2 swords, old flat irons, wardrobe, 1 banjo, large brass chandelier, 1 fiddle, and 2 old "booze" jugs. Buescher Alto Sax, Alladin lamp. Phone SP 3-6032, Hartselle. ttc

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

FOR SALE — 3 bedroom house, Ceramic tile bath, attached garage, 2½ acres of land, 12 miles east of Decatur. On mail & bus routes. Priced for quick sale at \$7,500. Phone Leon Griffith—Redstone ext. 876-7882 or Decatur 353-3960. 1tp

FOR SALE—Male miniature poodle puppy, 10 weeks old, AKC registered, \$75.00. Call 353-4226, Decatur, Ala. 1tc

WILL DO ALTERING — Dress making. Make drapes, Barbie and Ken doll clothes and smocked pillows. Call 772-6666 or 772-6969. 1tc

FOR SALE — 1958 Ford Custom, 4 door straight shift, newly overhauled engine, new clutch. Must sacrifice, leaving for France next week. Call Daniel, French Army, 877-3336. 1tnc

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FOR RENT OR SALE — 3 bedroom house, furnished with antiques, gas heat, lovely grounds, Drake Ave., S. E. Will consider selling all. Shown by appointment. Phone 881-0702. 1tc

FOR SALE — New nice 3 bedroom house, 1½ ceramic tile baths. completely air conditioned, access lot to lake. Minimum FHA down payments, in one of Gunter'sville's nicest sections. Price \$16,250.00. Will build homes in Arab and Gunter'sville and finance up to 97% FHA and 100% G.I. Cornelius Real Estate & Insurance Co. Marshall County's leading mortgage broker. 521 N. Broad Street, Gunter'sville, Ala. Phone JU 2-3027. tfc

GUNTER'SVILLE — Warrenton Shores section, 3 bedroom, extra large lot, G'ville Lke. Access, FHA, \$250.00 down. Water front lots, \$2500 to \$4500, financed. ED NEELY, REAL ESTATE BROKER, 703 Broad, Gunter'sville, Ala., Phone 582-3914; night 582-3230. 2-6c

WANTED — Old phonograph records, country, western, blues, jazz bands, jug bands, of the 1930 to 1940 period. Malcolm Blackard, 423 8th Ave., S. W., Decatur. 877-2445 days. 1-23p

WANTED — Cocker spaniel pup, black, male. David D. Lindsey. Phone 876-2527 Monday through Friday. 1tc

FOR SALE BY OWNER — Two spacious family homes in Decatur, walk to public and parochial schools. At 651 Sherman St., four bedrooms, three baths, gas furnace, radiator heat, carpeted. At 633 Jackson St., four bedrooms, three baths, central air conditioning, new gas furnace, radiator heat. Phone EL 5-0405, Decatur. tfc

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FOR SALE BY OWNER — 6.6 acres of land, suitable for building, off Oakwood Road West, \$3500.00, phone 536-8371. 1tc

FOR SALE — 1933 Olds., 4-door sedan, good tires & in good running shape. All original, \$350.00. Ideal for making excellent antique car. Phone Don Blankenship, 773-7704 or write to 601 High St., Hartselle, Ala. tfc

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Super Riviera, double power, one owner. Really a beautiful car! You would be proud to own this one!
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Protestants To Install New Officers

Installation of newly elected officers will be the feature of the next meeting of the Protestant Fellowship of the Post Chapel.

The meeting, the first of the new year, will be held in the Social Room of the Post Chapel at 6:30 p.m. Thursday, Jan. 17. The new officers who will guide the activities of the group for the next six months are: Robert Garrison, president; Ed Nickel, vice-president; and Mrs. Bernard Lewis, secretary-treasurer.

In addition to the usual pot-luck

Entertainment Section

PFC ART KALIN

Entrants for the Post-Wide Talent Contest are slowly trickling in, a little too slow though, even for this early date. The actual contest will not be held until Feb. 26, but as much time as possible should be allocated for preparation of your material. Judging from the entries to date, the competition should prove to be stiff.

There may be some who would like to enter the contest, but hesitate because of lack of experience. This applies in selecting the right material for yourself and not knowing the way to present your "best light" so to speak. Well, I will be available to any and all the entrants for direction and assistance. I have had seven years of good professional experience in all phases of the entertainment field from night clubs to musical comedy and opera. I will not be engaged in judging the contest, so I will not hesitate to assist anyone who would like to have assistance. My main concern is putting on a good show the night of the contest.

I know many of you, who don't possess a talent of the nature this is concerned with, but you do know of someone and in this way become a part of the proceedings yourself, a very important part I might add. The person you encourage may just be the one who wins.

So let's get those entries coming in, the prizes that the winners receive will be well worth the effort.

Again, a closing note concerning the Theatre Workshop. I have been getting a fairly good response. A few more people would really get it off the ground. I'm sure there are many girls employed here on the Arsenal who are interested in theatre and the dramatic arts.

I can guarantee you an interesting and stimulating experience through the Workshop. We need more girls in order to prepare scenes and one act plays for class study. The choice of good material for males only is limited. We have many of the people who were involved in the Workshop last spring returning. This will be an advantage to the new people. If you are interested at all, please contact Pfc. Art Kalin at 876-5492.

Watch this column for more news of the Post-Wide Talent Contest and more news of the Entertainment Sec. The numbers to call to enter the contest are 876-5492 and 876-4531.

***** Movie Schedule *****

WEDNESDAY, January 16
"Love Is Better Than Ever" (F)
THURSDAY-FRIDAY, Jan. 17-18
"Walk on the Wild Side" (M)
SATURDAY, January 19
"30 Years of Fun" (F)
SUNDAY-MONDAY, Jan. 20-21
"Panic in Year Zero" (M)
TUESDAY-WEDNESDAY, January 22-23.

Walt Disney's "Moon Pilot" (F)
Two shows nightly at 6 and 8:30 p.m., Saturday matinee at 1 p.m., and Sunday matinee at 2 p.m.

Adams Hails Act As Historic Milestone

The 80th anniversary of the Civil Service Act was celebrated last evening by the Huntsville Chapter, Society for Personnel Administration.

At a regular meeting of the Society held at the Redstone Arsenal Officers Club, President Luther Adams hailed the passing of the Act as a milestone in the history of our country. He pointed out that the Act was passed on Jan. 16, 1883, in response to public demand for reform following the assassination of President

supper and installation of officers, the program will consist of the presentation of the goals, plans, and activities of the group for the next half year.

Everyone is invited to attend. The hostess for the meeting, who may be contacted at 877-4137 for further information, is Mrs. D. E. Sparling.

James A. Garfield by a disappointed office seeker.

Adams said, "The Civil Service Act signaled the end of the 'spoils system' and became the foundation of a merit system under which more than two million Federal workers are employed today."

In our Nation's infancy, Adams continued, appointments to public office generally were made on a basis of fitness for the jobs. But for approximately a half century prior to 1883, the slogan "To the victor belong the spoils" was the accepted principle in filling Government jobs.

The "spoils system" reached such proportions that in 1841, when William Henry Harrison took office as President, 30,000 to 40,000 office seekers swarmed into the Capital City to claim the 23,700 jobs that made up the Federal executive service of that day.

BLOODMOBILE GETS 528 PINTS

Army and Marshall Space Flight Center personnel donated 528 pints of blood during the December visit of the Red Cross Bloodmobile at Redstone Arsenal last Wednesday.

The 184th Ordnance Detach-



PARKVERBOT—There's no limit on how far some people will go in search of a parking place—only to find a "no parking" (or "parkverbot") sign. Lt. Heinz Werner Rahns, German AF, did not come all the way to Redstone Arsenal in search of a parking space. He is attending the Army Ordnance Guided Missile School where the international-type road signs have been installed throughout the school to assist foreign students and to acquaint U. S. students with the road signs used in the European countries.

ment, Unit Training Center at School was awarded the military the Ordnance Guided Missile participation trophy.

january 12
thru
january 19

James

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micro-mesh	(reg. \$1.50)	\$1.25,	3 prs.	\$3.60
stretch sheer	(reg. \$1.65)	\$1.35,	3 prs.	\$3.90
sheer heel demi-toe	(reg. \$1.65)	\$1.35,	3 prs.	\$3.90
all sheer sandalfoot	(reg. \$1.95)	\$1.65,	3 prs.	\$4.80

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