

Arsenal-Wide

Spot News

Dial 112

The Redstone Rocket

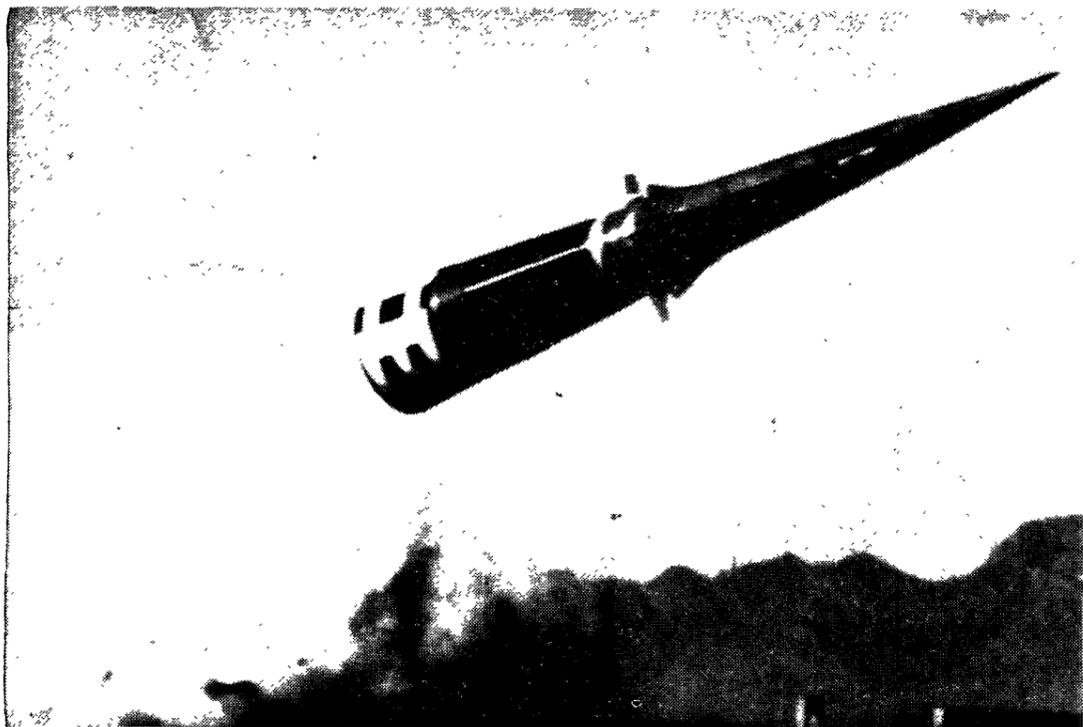
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VOL. XIV; NO. 2

REDSTONE ARSENAL, HUNTSVILLE, ALABAMA

MAY 26, 1965

Shillelagh To Replace Guns on M-60 Tank



THE LIVELY ONE—The Nike-X Project Sprint anti-missile missile flashes away from its launcher in its first test at White Sands Missile Range, N. M. The Sprint is being developed as a high-acceleration interceptor for the Nike-X Missile Defense System. The test was highly successful.

Army Retrofit Assigns Missile Major New Job

The Aeronutronic Division of Philco Corp., Newport Beach, Calif., is being awarded a \$1,296,000 cost plus incentive fee contract for engineering and design of an adaptation of Shillelagh missile system to replace the present 105 MM gun in the M60 tank, the Department of the Army announced today. Total amount of the contract to be funded over a two year period is \$3,580,000.

The contract covers the engineering and design effort required to incorporate components of the Shillelagh missile sub system into the M60 tank and the procurement of components and missiles for test and evaluation.

The Shillelagh armament system consists of a 152 MM gun/launcher, a gun mount, conventional gun fired ammunition, the Shillelagh missile, and the necessary fire control elements. The Shillelagh will soon be in production for the General Sheridan vehicle.

The application of Shillelagh to the M60 tank will result in a new

turret having a reduced silhouette and improved ballistic projection as well as providing a major improvement in fire power. The Shillelagh is particularly effective at longer ranges.

The turrets and guns removed from the M60 tank to be retrofitted with the Shillelagh will be installed on M48 tanks as a replacement for the 90 MM guns.

The extent to which the M60 tank will be converted from the 105 MM gun to the Shillelagh will be determined prior to the end of the engineering and design work covered by the contract.

Shillelagh is a project managed system being developed by the Army Missile Command. Lt. Col. R. M. Pearce is the Project Manager.

New Members Swell Ranks Of AUSA

Almost a thousand new members have been enrolled for membership in the Tennessee Valley Chapter of the Association, U.S. Army since the drive to increase the Chapter rolls was opened a month ago.

The drive is now in its fifth week and will wind up on Friday. The final report is due on June 3, at which time it is hoped that the local chapter will have become the largest in the world wide organization.

The new members together with the renewals have boosted the total membership to 3215.

Since the start of the membership drive there have been 812 new members signed up in the Missile Command, the Support Office. Another 154 have been enrolled for the first time in the Ordnance Guided Missile School.

The membership drive is also being conducted throughout the local community, however, there is no report available as to the progress that has been made.

Willie Calcote, chairman of the combined effort of MICOM, AFSC, and Nike X, reported a total membership last Friday of 2881. He said that he expects quite a few additional applications to be received this week.

The OGMS report indicates that the membership in that organization has been more than tripled. Reavis O'Neil, who heads up the OGMS drive, reported 77 members at the start of the drive. This number has been increased to 251.

OPENINGS

The Civil Service Board of Examiners has issued Announcement No. AT-35-19(65) for dental hygienists at GS-4 and GS-5, \$4480-\$5000 a year; AT-35-20(65) for bindery worker at W-7, \$2.39 an hour; and AT-35-21(65) for electric accounting machine operator at grades ranging from GS-1 through GS-4; AT-35-22(65) is for automotive and engineering equipment inspector at W-12, \$3.23 an hour.

Amendments close AT-35-7(63) for transportation operations specialist (air) and AT-35-17(63) machinists.

Col. Mehlinger Receives Promotion To Full Colonel

The Project Manager of the Army's new Lance battlefield missile was promoted to full colonel last week in ceremonies at the Army Missile Command.

Col. W. E. Mehlinger's new eagles were pinned on by Brig. Gen. C. W. Eifler, Deputy Command-

(See Picture on Page 2)

ing General of Land Combat Systems at the Missile Command. The insignias were the same ones that had been presented to General Eifler when he was promoted to colonel.

Lending a helping hand in the "double bird" ceremony was Mrs. Mehlinger while a host of friends and co-workers from the project office looked on.

Now in advanced development, Lance is the Army's answer for a hard hitting weapon that is rugged, reliable, simple, mobile and accurate. It is being designed to provide fire support, both nuclear and non-nuclear, to infantry, armored and mechanized divisions.

A graduate of the Citadel, with a BS in Civil Engineering, Col. Mehlinger entered graduate school at the University of Chicago where he received a Master of Science Degree in nuclear physics.

Since that time, he has held a succession of assignments in the fields of special weapons and missiles. These include two tours with the Office of Chief of Ordnance, a stint in Germany where he was Commanding Officer of the 12th Ordnance Battalion, and later as Chief of the Advanced Weapons Branch at Headquarters U.S. Army Europe.

In 1960, Col. Mehlinger was assigned as a member of the Army's

Recreation Area Almost Ready For Civilian Use

The Civilian Recreation Area along the Tennessee River at the southern end of Patton Road will be open to accommodate Army civilians, their families and their guests, starting this weekend.

Formal opening for the park, that is being constructed by post engineers under the direction of the Civilian Welfare Fund Council, is set for Friday. Col. Thomas Cooke, Post Commander, and Abner McNaron, CWFC chairman, will share honors for the official ribbon cutting.

Well-shaded picnic tables are ready for use as is the boat launching slip and the first of two docks planned for the park. A modern rest room is in operation and the area is equipped with running water, electricity and telephone ser-

vice.

SSGT Buford Harrison, the former Redstone conservation officer, has been employed by the Council to serve as caretaker for the area

(See Pictures Inside)

and he will have first aid equipment available.

"Actually," according to McNaron, "we still have a long way to go before our eventual plans are realized. However, the available facilities provide an excellent setting for family or inter-office picnics and outings."

"And the fishing is terrific," chimed in Harrison, who is a well-qualified spokesman on where the fish are being caught in North Alabama.

(See RECREATION on Page 3)



LET ME TELL YOU ABOUT THIS MISSILE—Brig. Gen. Howard P. Persons, Jr., right, Army Missile Command Deputy Commanding General, Air Defense Systems, discusses air defense missiles with Col. Clarence C. Harvey, Jr., who will succeed him next month. The colonel, whose promotion to brigadier general has been approved by the U. S. Senate, visited the Army Missile Command this week. He is presently assigned in the Defense Intelligence Agency, Washington, D. C. Gen. Persons is transferring to the U. S. Army Air Defense Command, Colorado Springs, Colorado.

Holiday Due

Rocket copy deadline this week is Friday, noon. Monday is a holiday and we'll need to close out early. Thanks. Ed.

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 376-1400 or 376-1500.

All advertising copy and payments therefor are received by Mrs. Verge Robinson, 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.

Savings Bonds Offer Safe, Sound Investment

Many find that saving money is a difficult task. No matter how much they promise themselves to put something aside on payday, it usually turns out that the month's wages are spent before anything gets saved.

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First, it's a planned program, assuring that a certain amount of money will be invested each month in savings with no trouble or worry incurred by the buyer.

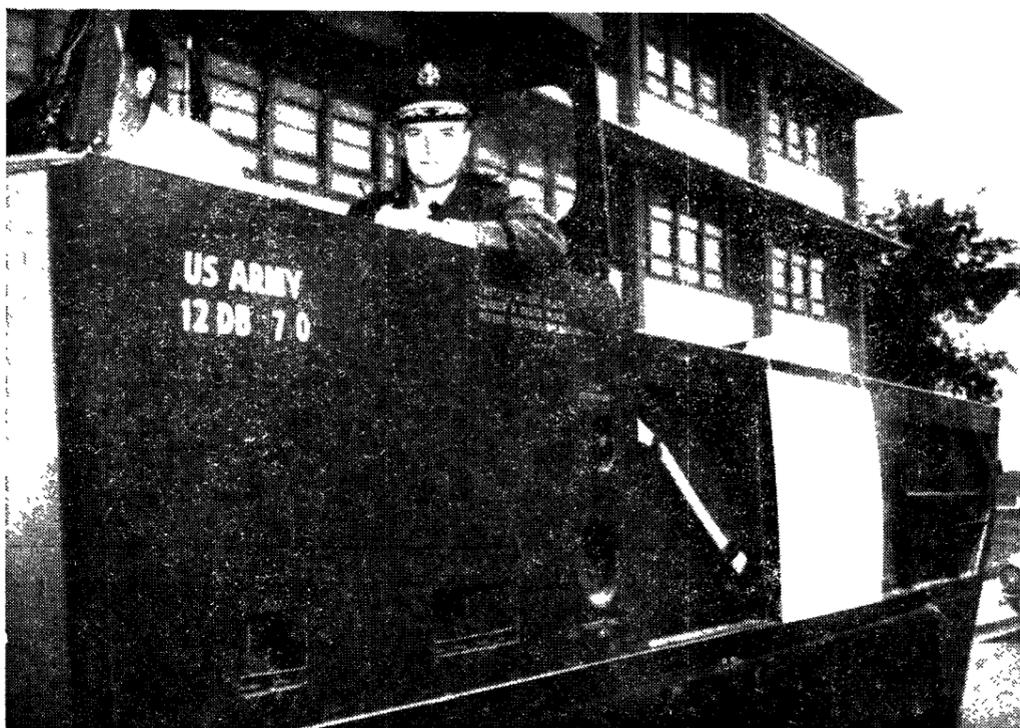
Second, savings bonds offer a chance to earn interest if held to maturity. They pay back \$4 for every \$3 invested at maturity. A typical example of interest earned is that one bond, at \$37.50, will bring back \$50.00 at maturity.

Third, savings bonds are a safe and practical form of saving that helps the government keep its economic stability. They are a non-inflationary method of financing the public debt that benefits every American by protecting the value of the dollar.

President Johnson expressed confidence in the savings bond program when he said, "We are determined that this investment shall continue to be the safest, and the soundest and the most successful in all the world."

Last year, more than \$210 million was invested through the payroll bond deduction program. During the past six years the number of payroll investors has increased from 606,400 to 1,146,125, according to service reports.

Such a savings program—one that not only helps the person saving but the government as well—should get careful consideration from all employees looking for a good, sound investment for their money. (AFPS)



LANCE MANAGER PROMOTED—The Project Manager for the Army's Lance missile system last week was promoted to full Colonel. Col. W. E. Mehlinger received his eagles from Brig. Gen. C. W. Eifler, Deputy Commanding General of the Army Missile Command for Land Combat Systems. Colonel Mehlinger is shown here aboard the Lance self propelled launcher. A Lance fin is just visible projecting up above the new Colonel's eagle emblem.



INDOCTRINATION BRIEFING—Maj. Gen. W. C. Bullock (center), Deputy Commanding General, Third U. S. Army, looks over his notes in preparation for a briefing of a number of educators here last week. Also participating in the briefings were, Brig. Gen. Charles Eifler (left), DCG, Land Combat Systems, and Col. William Macpherson, Commandant, Army Ordnance Guided Missile School. The educators, representing seven southeastern colleges and universities, came here as part of the Third Army's Operation Understanding which has the purpose of pointing out the career opportunities that are available for the graduating ROTC student. A highlight of the briefing was a panel discussion in which several young officers who had been commissioned from the ROTC program explained how their skills and talents were being utilized by the Army.

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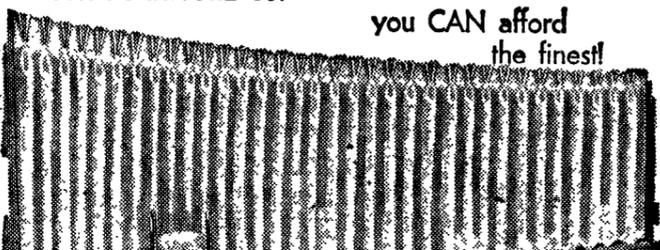
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READY FOR PICNICS—The well-shaded picnic tables along the banks of the Tennessee make an excellent setting for family outings and inter-office picnics. The park is equipped with running water and telephone service, has modern rest rooms and is well lighted. Softball diamonds and tennis courts as well as a playground for the children will be available by mid-summer.



UNLIMITED POSSIBILITIES—Abner McNaron, chairman of the Civilian Welfare Fund Council, points out to Sgt. Buford Harrison how the Council plans to develop the Civilian Recreation Area into the most modern park of its kind in this part of the state. Formal opening for the Area is set for Friday and the facility will be available for use by Department of Army personnel of the Arsenal starting this weekend. Harrison, who is a former conservation officer for the Arsenal, will be the caretaker of the park.

RECREATION

(Continued From Page 1)

Immediate plans call for the construction of two lighted softball fields, tennis courts and a playground for the children. These projects are presently underway and are expected to be completed by mid summer.

"These projects," added the CWFC chairman, "together with

several more that are programmed for next year, will make this park the most complete and up-to-date recreation area in this part of the state."

Opening of the park is the first step in a greatly expanded civilian recreation program for Army personnel. The Council's recreation committee is hopeful of developing a year-round program that will best serve the interests of all.

Further development of the tentative plans will depend to a great extent on the response of Redstone civilians to the recreation area through the summer months.

"We have just scratched the surface on what can be done to provide recreational facilities for the civilian work force," said McNaron. "Now we need their support and interest to continue with our plans."

Welcome Mat

The ROCKET extends a welcome to the following civilian personnel who have recently started their employment with Army organizations at the Arsenal.

ARMY MISSILE COMMAND

Kathy M. Elmore, G. Chris Gender, Henderson D. Rollins, Richard Wasserman, John H. Wilson, Kathleen H. Wilson and Sandra J. Wood, all in Directorate of Procurement & Productions;

Bruce W. Kinney, Jr., Paula J. Legg, Kenneth W. Peterson and Ophelia L. Walton, Research & Development;

Sharon J. McPherson and Mary Rita F. Provost, Supply & Maintenance;

Bobbie H. Duncan, Shillelagh Project Office;

Susan P. Gender, Hawk Project Office;

Linda J. Harrison, Pershing Project Office;

Alice M. Heflin, Comptroller & Director of Programs;

Mary W. Webster, Personnel & Training;

And Martha K. Wiseman, Air Defense Fire DSO.

ARMY MISSILE SUPPORT COMMAND

Myrtle D. Hancock, Charlotte L. Hester, Elra M. Hoots, Hazel M. Porter, Irene B. Trimm and Kathleen W. Walker, all with the Assistant for Communications;

Ann B. Braswell, Purchasing & Contracting;

Dewitt A. Hodnett, Reproduction;

Ruby S. Killian, Post Hospital;

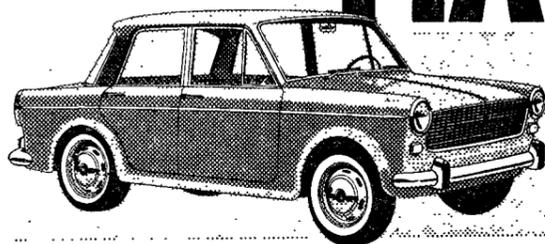
And Mary R. Shelton, Computation Center.

June 9 1913—School of Musketry, forerunner of present Infantry School, established at Fort Sill, Oklahoma.

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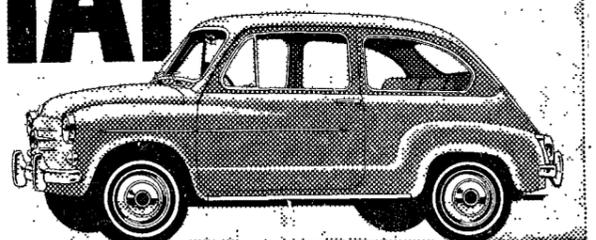
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DRAGONS TEETH—Two-foot spikes sticking out from the wall behind these professors from the University of Alabama and Mississippi State University are not as harmful as they look. The spikes are made of a foam rubber-like material and thousands of them line the four walls, floor and ceiling of the room. Robert C. Haraway (right) of the Army Missile Command at Redstone Arsenal explains that the room is an anechoic chamber. It is used to study micro-wave transmission and reception. The "teeth" cut down interference and "echos." The visitors are (left to right): Dr. Allen G. Wehr, Head, Department of Metallurgical Engineering, Mississippi State; Prof. Charles B. Cliett, Head of Aerospace Engineering, Mississippi State; and Prof. Colgan H. Bryan, Head, Department of Aerospace Engineering, University of Alabama. Haraway is Chief of the Advanced Circuits Branch, Electromagnetics Laboratory, in the Missile Command's Directorate of Research and Development.

Ceremonies For Germans Held At Missile School

Two German Air Force Hawk detachments bade farewell to the Ordnance Guided Missile School Friday at ceremonies in Vincent Hall.

The units presented a commemorative plaque to Col. William J. Macpherson during the ceremonies, which was witnessed by Lt. Col. Johann Hellmers, German Air

Force liaison officer.

Lts. Arno Mueller and Ludwig Weichers commanded the units. One unit was a direct support detachment and the other was designated general support.

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DOWNTOWN

At The Service Club

By BETTY HAYES

For the last week in May we have planned a variety of programs, which include card games, a contest, a buffet, and a record dance. Wait a minute I am getting a little ahead of myself.

Let's start with this evening. The little lounge will be reserved for those of you who would like to participate in small games at 8 p.m. Monopoly, cribbage, and scrabble are only three of the games which will be played.

Have you missed some good times because you haven't learned to play bridge? You have the opportunity to learn this game on Thursday evening at 7:30 p.m.

On Friday evening you will have a chance to practice for the post-wide shuffleboard tournament which will be held in the near future. Enter the shuffleboard contest at 8 p.m.

Saturday afternoon at 3:30 p.m. is coffee time.

At 6 p.m. tasty goodies will be served. A menu will be prepared which you won't want to miss.

Sunday morning coffee and donuts will be served at 9.

Enjoy the Memorial Day evening at the Holiday Hop, the Sunday record dance at 8 p.m.

Coffee and donuts will also be served on Monday, May 31, at 9 a.m. since it is a holiday.

An evening of games will begin on Monday in the main lounge at 8 p.m.

If you missed the bridge lessons on Thursday, you still have a chance to learn the fundamentals of the game on Tuesday, June 1, at 7:30 p.m.

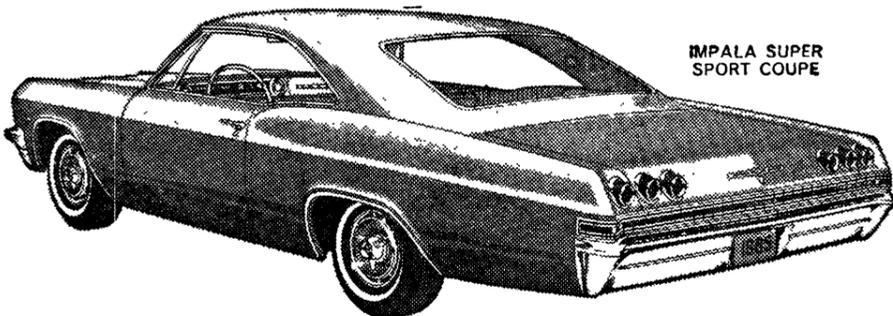
Tim Sheetz, AMSC, was the table tennis champion for May.

Congratulations to Manuel Vieira, Co A, who won the recent post-wide pool tournament. John Diggs, Medical Detachment, came in second place.

See you at the Service Club.

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Brown To Go To England

After spending two years at Redstone as the Canadian Liaison Officer with the Army Missile Command, Maj. George O. Brown is preparing to leave the Huntsville area with many mixed emotions.

Maj. Brown will depart from the Arsenal on June 2 for his new assignment with the faculty of the Royal Military College of Science at Shrivenham, England. A promotion to Lieutenant Colonel goes with the transfer.

"My whole family has enjoyed our stay in Huntsville very much and we regret having to leave at this time," the Canadian officer commented as he prepared to leave his Redstone duties. "However," he added, "being named to the Shrivenham faculty is a rare privilege and I feel deeply honored in being selected."

In addition to the Major and Mrs. Brown, the family includes daughter, Bonnie Janet, a member of this year's graduating class at Huntsville High School, and son, James Herbert, who is completing the ninth grade at Huntsville Junior High this month. Both of the Brown children will continue their studies in England this fall.

Mrs. Brown is a registered nurse and has been a volunteer worker with the Red Cross Bloodmobile program for the past two years.

A native of Montreal, Maj. Brown holds a Bachelor degree and a Master's degree in mining engineering from McGill University. The veteran officer has over



SAME SPEAKER—Col. R. C. Marshall, District Engineer of the Mobile District of the Army Corps of Engineers will be the speaker at tomorrow's meeting of the Society of American Military Engineers at the Redstone Officers Open Mess at 6:30 p.m. He will talk on "Proposed Navigation Improvements in the Mobile District."

20 years active duty with the Canadian Army including five years spent in the European Theater during World War II.

His replacement as Liaison Officer has not been named and Maj. R. H. Duke will assume the duties on an acting basis. Maj. Duke is assigned to the Mauler Project Office as System Engineer.

GOODS, SERVICES COST \$6 MILLION

The Army Missile Command spread orders totaling approximately \$6 million across the country during April to pay for goods and services to support the Army's missile and rocket programs at Redstone Arsenal.

Of these, firms in the Southeast received \$1.2 million, and Hunts-

Redstone Rocket

May 26, 1965

Page 5

ville's share ran to more than half a million. Birmingham came in with \$150,000 worth of business. Other cities in Alabama received a total of \$150,000 and the balance of orders in the southeast went to companies in Georgia and Tennessee.

The money spent represents hundreds of separate orders, some for as little as a forty cent order for a fuze. Nursery stock, chemi-

cals, paper, repairs for machinery, food, clothing, house paint are just a few of the types of items purchased.

The Missile Command Procurement and Production Directorate and the Purchasing and Contracting Division of the Army Missile Support Command are responsible for negotiating and executing the awards. Single contracts for a million dollars or more are not included in these.

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DR. DAVID C. SAYLES

AOA PRESENTS KNOWLES AWARD TO DR. SAYLES

A member of the Propulsion Systems Engineering Branch of the Army Missile Command's Propulsion Laboratory, Dr. David C. Sayles, has been nominated for the 1965 Knowles Award in recognition of his outstanding work.

The award is made each year to an American citizen who has contributed significantly toward the development of improved weaponry which has markedly increased the defensive and retaliatory posture of the United States. It carries a stipend of \$500.

Before coming to Redstone Arsenal in 1958, Dr. Sayles served in various technical advisory positions at U.S. Air Force development centers. He also has performed research with Sherwin-Williams Company and headed the chemistry department of Ferris Institute, University of Michigan.

Dr. Sayles is a native of Scollard, Alberta, Canada. He has a bachelor of science degree from the University of Alberta, a master of science degree from the University of Chicago, and a Ph.D. in chemistry from Purdue University.

The Knowles Award, presented by the American Ordnance Association, is in memory of the late Harvey C. Knowles, a long-time vice president and director of Proctor and Gamble Company.

Old English proverb: "Industry is fortune's right hand, and frugality her left." That could explain the popularity of the Payroll Savings Plan for U.S. Savings Bonds with both employers and employees.

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TASTE OF ARMY LIFE—Cadets from the Sewanee Military Academy recently visited the Ordnance Guided Missile School on an orientation tour as part of the School's support of the Reserve Officer Training Corps program. At the School, the students were given a briefing on the new ROTC program and its expanded benefits. One of the highlights of their tour was lunch served at the mess hall, giving them a preview of what Army life is like.

Japanese Shatter Scholastic Record

Missile men from Japan shattered all existing academic records at the Ordnance Guided Missile School and earned the personal praise of the ranking member of the U. S. Senate Foreign Relations Committee at a graduation ceremony in the Post Theater last Friday.

Alabama's Senator John J. Sparkman, a special guest at the graduation, said the Japanese record of scholarship is "convincing proof of the sincere purpose of our Asiatic ally."

Thirteen Japanese students achieved averages of 96 or better in courses on maintenance of the improved Nike-Hercules air defense missile system. This entitled them to receive special plaques from the Association of the U.S. Army as "outstanding students."

Sgt. Kunio Kikuya set a new high for OGMS grades with an average of 99.2, exceeding a score of 98.9 set by another Japanese student in 1962.

Col. William J. Macpherson, OGMS commandant, noted that the AUSA awards have been given to slightly more than one-third of one percent of the almost 37,000 grad-

uates of the Missile School. Of 150 such awards, 47 have been earned by Japanese students.

The 123 graduates were from China, Germany, Greece, Japan, Netherlands, Turkey and the U. S. Of these, 66 were Japanese.

They heard Maj. Gen. John E. Kelly, commanding general of the IV Army Corps in Birmingham, describe them as "part of a team of allies who constitute the most powerful defense of freedom ever organized by man."

"It takes guts to be a missile maintenance man. It takes imagination and ingenuity to overcome obstacles that are not covered by the book," Gen. Kelly said in referring to the rapid pace of missile technology.

Col. David A. Marcelle, finance and accounting officer of the Army Missile Support Command, represented the AUSA at the ceremony and presented the plaques to the top students in a short speech that he concluded in the Japanese language.

The prize-winning Japanese students were: S/Sgt. Kunio Kikuya, 99.2; M/Sgt. Takuji Inaba, 98.4; S/Sgt. Takanori Isoda, 98.1; T/Sgt.

Akira Kohtaki, 98.0; AFC Kazumasa Yamanaka, 97.3; Shoichi Kabashima, 97.1; T/Sgt. Yukio Yamauchi, 96.7; S/Sgt. Masataka Horikoshi, 96.6; AFC Toshiya Sasaki, 96.6; T/Sgt. Keizo Yonezawa, 96.5; T/Sgt. Tsugiyoshi Asai, 96.3; M/Sgt. Takahiko Amano, 96.3; and S/Sgt. Yutaka Idogawa, 96.2.

Anthems of the seven nations were played by the 55th Army Band at the conclusion of the ceremony.

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June 14 1775—Birth date of U.S. Army. Continental Congress voted to raise ten companies of riflemen in Continental service, and appointed committee to prepare regulations for the Army.

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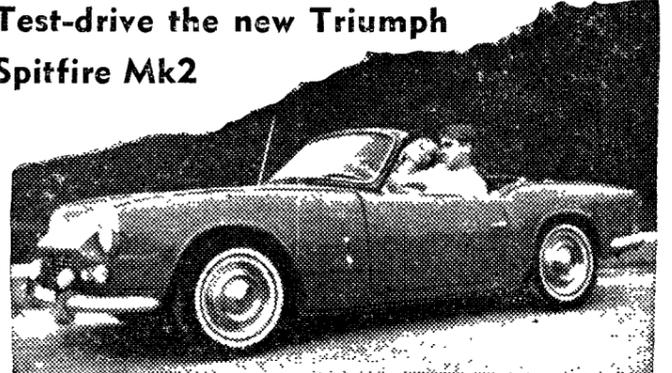
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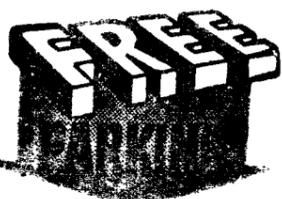
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Pershing Units Ready For Firing Practice

WHITE SANDS MISSILE RANGE N.M. — A Pershing missile unit stationed in Germany has returned to the United States for annual firing practice at Gilson Butte, Utah.

A Ft. Sill, Okla., Pershing unit will also have a graduation firing of the Army's longest range missile from Gilson Butte.

Each unit is scheduled to fire one missile in May. The Ft. Sill unit will fire a second missile in June.

Battery D, 4th Missile Battalion, 41st Artillery, is the unit from Germany. Part of the battery arrived at Hill Air Force Base, Utah, by air last Thursday and the remainder of the troops arrived

there Friday.

The battery is commanded by Capt. James Fairchild, Claremont, Calif. Following the scheduled firing, the unit will return to its home station in Germany about June 6.

Pershing is a supersonic ballistic missile which can carry a nuclear warhead to a target 100 to 400 nautical miles away. The weapon system is managed from the Army Missile Command at Redstone Arsenal, Ala. Col. Edwin I. Donley is Pershing Project Manager.

This firing will be the first of a series at the White Sands Missile Range launch site at Gilson Butte by Pershing Units. The 35-foot missile has been fired onto White

Sands Missile Range, N.M. for several years from sites in New Mexico and Utah.

The 2nd Battalion, 44th Artillery arrived at Gilson Butte from Ft. Sill by truck convoys May 13.

Commander of the 44th is Lieutenant Col. Thomas E. Mariott of Augusta, Ga.

Commander of the firing batteries are Lt. Larry E. Stunkard, Rockford, Ill., "C" Battery, and Lt. John W. Irving, Tillamook, Ore., "D" Battery. The battalion support unit is commanded by Capt. William T. King of Macon, Ga.

As on previous firings, the flights of the missiles will be carefully monitored by White Sands Missile Range safety and data-gathering personnel. The firing practice is conducted in the United States because no range is available in Europe with sufficient area.

Gilson Butte is about 40 miles southwest of Green River, Utah, site of another WSMR off-range launch area.

A total of 255,000 acres of land has been acquired for the new launch site by the U.S. Army Engineer District, Sacramento, Calif. Six thousand acres are for the exclusive use of the Army. The remainder of the land will be used on a co-use basis whereby the one tenant family moves out of the area during infrequent periods of less than a day each. The Army will notify residents so that they may evacuate the area.

The sparsely-populated area will provide areas for troop bivouac and missile equipment, and a safety area in which the missile may land if a malfunction occurs during the launch phase.

As many as 500 military and

government employee personnel may gather at Gilson Butte during short periods when missile firings are scheduled from there. Approximately 100 civilian range and missile technicians from White Sands Missile Range and the Army

Missile Command at Redstone Arsenal will man the site during the firing sessions.

Gilson Butte missile launch site will be used only infrequently and for short intervals. No permanent buildings will be erected there.

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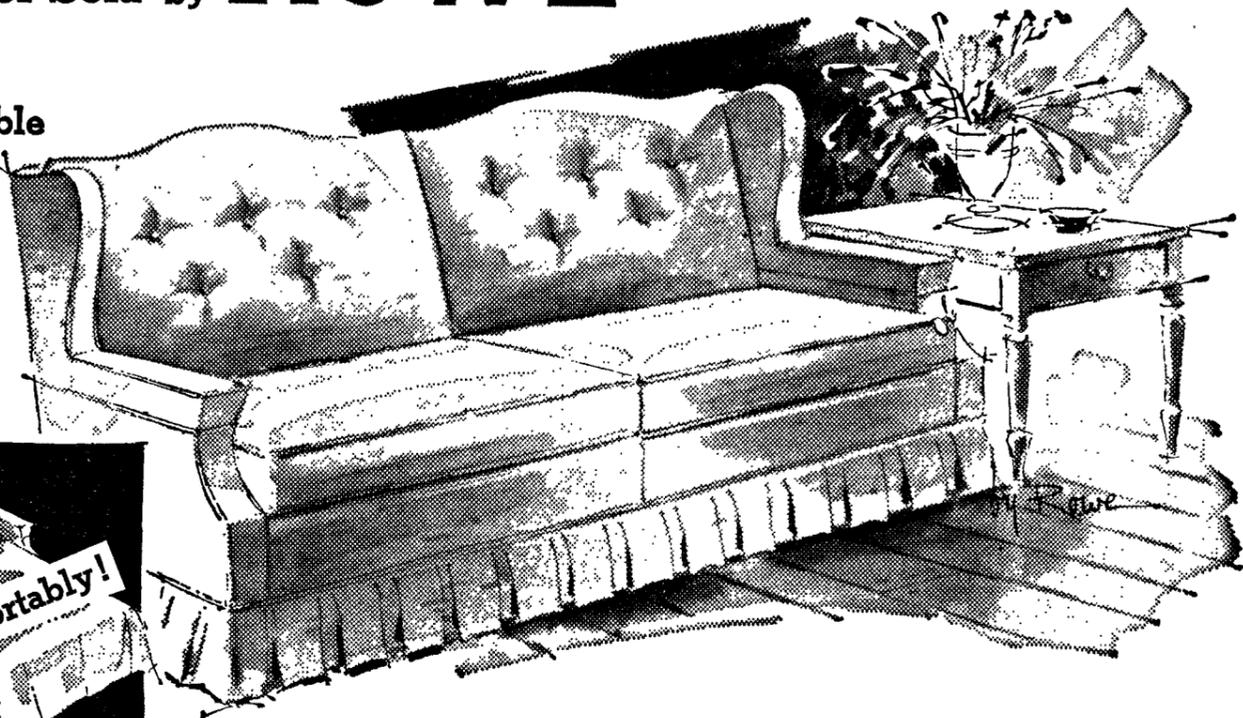
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SOCIAL ^{and} CLUB EVENTS

OGMS Wives Honor Lt. Shimoyama, Mrs. Macpherson Mrs. Budd Win With Luau Brunch At Monday Bridge

Approximately 140 officers' wives attended a farewell Hawaiian luau brunch yesterday morning at the Officers Club for Mrs. William P. Macpherson and wives of other officers departing the Ordnance Guided Missile School. The program featured Hawaiian songs, dances and decorations and an illustrated talk by Col. C. E. Chapman, operations officer at the School. The program was co-ordinated by Mrs. Chapman.

A fresh Hawaiian lei, flown in from the islands, was presented to Mrs. Macpherson by the group. Paper leis, made by the officers' wives, were worn by participants in the festivities and decorations included paper Hawaiian flowers and plants, also made by the wives.

Col. Chapman entertained with this talk, "The Saga of Becky: or, How to be an Army Wife in 10 Easy Lessons."

Special music was provided by Mrs. David M. Landrum, who sang several Hawaiian songs, and hula dances were presented by Mrs. Henry E. Culberson, Mrs. Robert T. Walker and Mrs. Robert W. Kelley.

Mrs. Chapman came dressed as a hobo and entertained the group with a comic sketch.

MRS. MIZE WINS THURSDAY BRIDGE

Seven tables of players competed at bridge Thursday in the Bridge Group sponsored by the Redstone Arsenal Officers Wives Club at the Officers Open Mess.

Winners were: Mrs. S. A. Mize, first; Mrs. William P. Murphy,

second; and Mrs. C. F. Shields, third. Low was Mrs. W. M. Blackmon.

The Group will continue to play through the Summer Mrs. A. J. Matthews 536-9958, handles reservations to play with the Group.

KOREANS PICNIC AT GUNTERSVILLE

A picnic for 34 Korean students at Gunter'sville Lake, sponsored by the Grace Auxiliary Club of Huntsville, capped an active week for foreign students at the Ordnance Guided Missile School.

A special highlight of the picnic was entertainment provided by a group of folksingers from Huntsville High School, The Wayfarers

German students went on two tours last week to outstanding scenic attractions in the area. On one tour, 28 students toured the Ave Maria Grotto and Wheeler Dam. A second tour, of 26 students, visited the Jack Daniels Distillery, at Lynchburg, Tenn., and Cathedral Caverns.

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PRE-DINNER CHAT—Col. E. D. Mohlere, MICOM Chief of Staff, (L), talks with Mrs. Esther F. Johnson, National secretary-treasurer of the American Federation of Government Employees, and Dennis Garrison, AFGE Fifth Region vice president, at a dinner here last week. Mrs. Johnson, who was making her first visit to Huntsville and Redstone Arsenal, spoke on women in the federal service at the gathering in the Redstone Officers Club.

Sodality Awards Two Scholarships

Scholarships were awarded Denise Accardi and Milagros Caranto by the Catholic Women's Sodality during the post-Communion breakfast for teenagers and parents at the NCO Club.

The breakfast was sponsored jointly by the Holy Names Society and the Sodality. Approximately 185 attended.

Chaplain (Capt.) Charles Logue is spearheading formation of a Catholic Youth Organization, and the breakfast was one of the first steps. Maj. Edward E. Roy is the chairman.

Miss Accardi is the daughter of

Mr. and Mrs. Roy Accardi and is an honor student at the Sacred Heart Academy. Next year she will attend Webster College in St. Louis. During her senior year she has been a member of Quill and Scroll, Journalism Honorary Society, a member of the yearbook staff and an honor student.

Miss Caranto is the daughter of Sgt. and Mrs. Eirberto Caranto. She is a member of Sigma Rho, Spanish honor society, the St. Martin de Porres Society, an honor student and a Junior at Sacred Heart. The scholarships are for \$100 each.

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AT INTERNATIONAL VISITORS COUNCIL RECEPTION—(Left to right): Mayor Glenn Hearn and Mrs. Hearn are in the receiving line with honorees Col. and Mrs. William Macpherson, Mr. and Mrs. Pickens Gates and Mrs. Raymond Berry at Sunday's reception given by the newly-formed Council for International Visitors. Mrs. Ray-

mond Berry introduced the guests. Col. Macpherson, who was one of the men instrumental in founding the new hospitality group for entertaining visitors from overseas to Huntsville; he and Mrs. Macpherson are scheduled to leave soon for Korea. Col. Macpherson is Commandant of the U. S. Army Ordnance Guided Missile School.

Council For International Visitors Holds Reception For Macphersons

The recently organized Huntsville Council for International Visitors held its first public function Sunday afternoon and some 400 persons attended a reception honoring Col. William J. Macpherson, commandant of the Army Ordnance Guided Missile School, who was instrumental in founding the new hospitality group.

In the receiving line at the Sheraton Motor Hotel were Col.

and Mrs. Macpherson, Mayor and Mrs. Glenn Hearn, Mr. and Mrs. T. Pickens Gates and James R. Record, chairman of the Madison County Commission.

Assisting Mrs. Philip Brock in arranging the affair were Mrs. Robert C. Leech and members of the staff of the Missile School. Alvin Dreger's string quartet played background music during the afternoon.

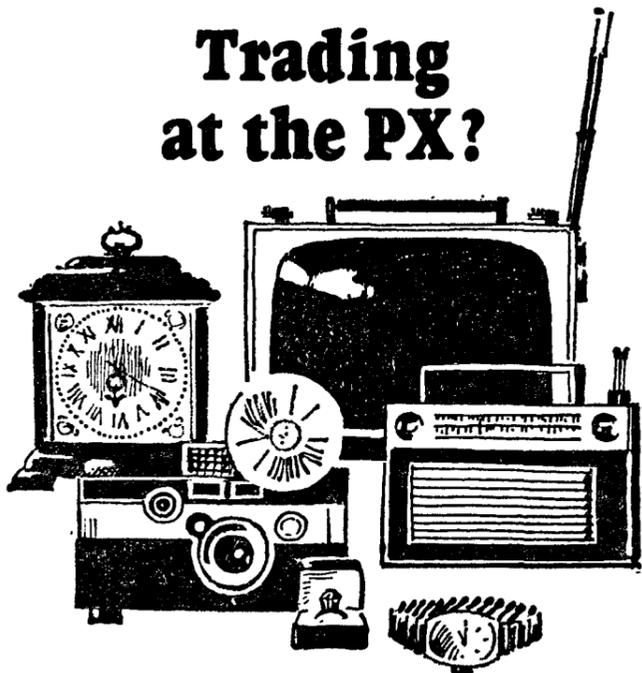
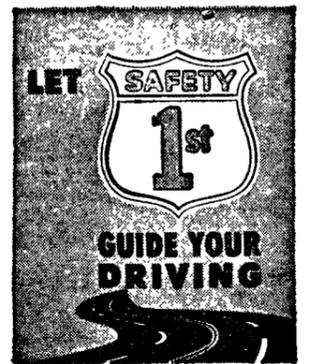
The HCIV was established with funds appropriated by the city and

county governments and is arranging a "people-to-people" hospitality programs not only for foreign students at the Missile School but also for all overseas visitors who come to this area.

June 8 1942—European Theater of Operations established.



HONOR GRADUATE—Mrs. Julius (Sara) Warren graduated at the top of the Defense Procurement Management Course for Technical Personnel conducted by the Civilian Personnel Office's Training and Development Division. Graduation exercises were Friday. Mrs. Warren is in the Directorate of Production and Procurement and enrolled in the course as a part of her career Development Program.



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\$ 50	\$ 9.23	\$ 5.02	\$ 5.45	\$ 5.90
75	13.84	7.53	7.27	7.81
100	18.46	10.05	9.54	10.31
200	36.92	20.09	19.08	20.62
300	55.09	29.87	28.57	30.92

Cash You Get	MONTHLY PAYMENT PLANS		
	24 mos.	30 mos.	36 mos.
\$500	\$46.81	\$24.73	\$24.73
700	64.92	34.30	34.30
1000	92.30	48.76	48.76
1500	137.80	72.80	72.80
2000	181.96	96.13	96.13

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FLOWERS THAT BLOOM ALL AROUND—Blossoms galore and neat gardens won Yard of the Month awards this month for, left to right, Col. and Mrs. Edmund O'Connor, 430 Skinner Drive.; Lt. Col. and Mrs. L. D. Pyle, 459 Simpson Dr.; Capt. and Mrs. Harold E. Stubbs, 263-A Wesson Cir. Mrs. O'Connor, who stands by her colorful petunia bed, says her 12-year-old son deserves credit too for

their pretty yard. Both the Pyles were present to receive their award, while Mrs. Stubbs is shown by her roses and carefully planted annuals. The Redstone Garden Club, which selects yards in three different categories each month based on the type of quarters and yards on the post, is an activity of the Redstone Arsenal Officers Wives Club.

Drive Safely During The Holiday

Page 10 Redstone Rocket — May 26, 1965

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12	209.08	165.04	119.45	60		\$2084.75	1773.92
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June 12 1948—The Women's Army Corps, U. S. Army, established.

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June 14 1777—Congress adopted American flag with 13 stars and 13 stripes.

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June 20 1941—Army Air Forces established.

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- 1964 BUICK SPECIAL. Has all equipment, inc. factory air, and rack on top. \$2995.
- 1964 PONTIAC. Fully equipped, factory air, almost new. \$3495.00
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- 1963 PONTIAC. Fully equipped inc. factory air, beautiful white finish. \$2895.

- 1961 OLDS SUPER 88. 9 passenger, loaded with accessories, inc. factory air and rack on top. \$2095.00
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BOWLING OFFICERS—The Bowling Group sponsored by the Redstone Arsenal Officers Wives Club recently elected officers for the coming year. Election took place at brunch in the Redstone Officers Open Mess at which approximately 50 bowlers voted. The new officers (left to right) are Mrs. Lonnie Eales, sergeant-at-arms; Mrs. J. D. Williams, treasurer; Mrs. Charles McBrearty, chairman; Mrs. Thomas Wilkerson, secretary; and Mrs. F. H. Neidermeyer, vice chairman. The Group is playing in a Summer League.

Mrs. Kreger Is Winner Among Beginner Golfers

Golf among the Group sponsored by the Redstone Arsenal Officers Wives Club on Wednesdays was divided again into two groups, the beginners and those who have been playing for some-

time. Among the former the winners were: Mrs. A. R. Kreger, first; Mrs. W. E. J. Haywood, second; and Mrs. B. B. Young, third.

Among the regulars Mrs Frank Napper came in with a 40, Mrs. C. D. Slendering was next with a 49.

The Spragins Tournament is being held Tuesday and Wednesday

with trophies to be awarded tomorrow at lunch in the Redstone Officers Open Mess at Noon.

June 17 1954—Secretary of Defense approved Army reorganization, which among other things placed Deputy Chief of Staff for Logistics in command of technical services; created U. S. Continental Army Command, and provided for additional Assistant Secretaries of the Army.

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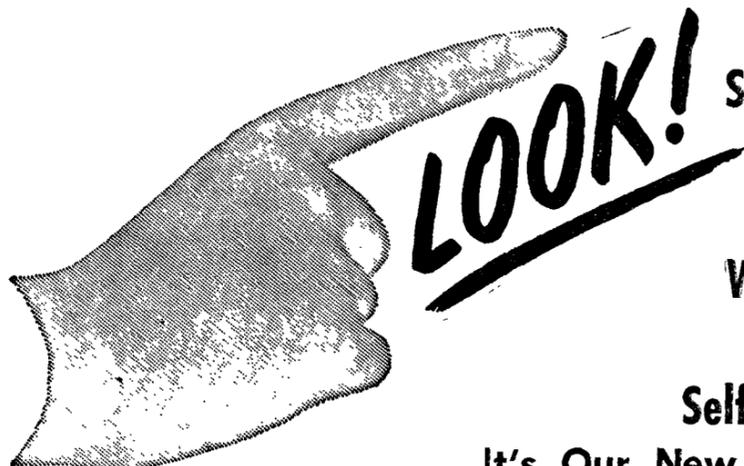
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The Army's "shoot and scoot" Pershing guides itself in flight—but, judging from the number of airplane pilots in this Army Missile Command Project Office centered at Redstone Arsenal, you might think humans are being used to fly the five-ton birds.

At last count, nine Pershing men were licensed pilots. Many of them travel by air during the week in connection with their jobs of getting the surface-to-surface missile to troops in the field and, then on the weekend, get in the cockpit to log a few hours at the stick.

The Deputy Project Manager of Pershing, Carl A. Pinyerd, Jr., is himself a pilot. He flies a private plane out of the Huntsville-Madison County Airport. "To me an airplane is many things," he says. "It's comfortable high speed transportation; it's a challenge to be mastered; it's a way to scenic beauty which can't be found on the ground; it's a piece of business equipment."

"To projects like Pershing, time is of the essence. The ability to quickly move people to meetings several hundred miles away is the difference between being on top of a variety of fast moving developments or tagging along behind them. The ability to ship parts and equipment when needed is the difference between making tight schedules or incurring inefficient idleness and postponed accomplishments."

Pershing often calls upon the Redstone Aviation Section. Pinyerd estimates that he personally has spent more than 350 hours in these military planes. "We appreciate the effective and dedicated support which the Section has given Pershing," he adds, "and admire the skill the pilots have shown."

The oldest pilot among those in the Pershing office is Dudley Green, an equipment specialist. He started flying the year after Charles Lindberg made his historic flight across the Atlantic in The Spirit of St. Louis. The hundreds of hours he has logged since 1928 have been in every kind of flying contraption from a glider to a jet.

"Just give me a barn door and a motor powerful enough, and I'll fly it," quips Green.

Back in the Golden Twenties when flying was still in its adolescence, Green joined the throng of adventurous young men who barnstormed from carnival to county fair in weather-beaten, war-surplus planes. He shudders to think about it, but the native-born Texan vividly remembers walking the double wings of a JN-4D Curtiss Jenny somewhere over the Southwestern deserts.

Crop-dusting Texas cotton fields—using a road map for navigation—flying in to a field at night with an eight-cell flashlight for a landing light—parachuting out of a burning Navy DC-4 and throwing the D-ring "into the next county"—getting lost flying to the King Ranch, landing on a highway and gassing up at a service station. These incidents all have a place in the life of pioneer aviator Dudley Green.

"I can't figure out why there are so many of us pilots in the Pershing program," James J. McKnight, another equipment specialist says. "Except maybe it's because our prime product is a 'bird.'"

A bachelor, McKnight has been flying since 1960 when he came to Redstone. On the weekend, you might find him and his buddies flying to Florida to fish or Wyoming to hunt.

McKnight's wide range of interests is evidenced by the fact that he has a degree in optometry from Northern Illinois State Teachers College, and is working on the Pershing missile project instead of fitting glasses.

Another of the pilots in Pershing is Sam Cowell, a charter member of the Space Center Flying Club, which was formed in 1961. He is chief of the Maintenance Branch of the System Support Division.

"Every pilot should have at least one close call," according to Cowell. "It'll keep him alert and not too sure of himself. There's a lot of truth to the old saying that

there are 'no old, bold pilots.'" His close call came in 1952 on a 100-mile cross-country flight in a Piper Cub with no radio from his hometown of Pemberton, N. J., to Salisburg, Md., and return.

"I ran into head winds out over Dover Bay and my hour of reserve fuel was running out," Cowell recalls. "I was going to sit down at Milford, Md., but when I got over where the town should have been I looked down and there was no Milford. I was off course. When I finally did land, the engine conked out just as the wheels touched down on the runway and I realized that I was out of gas."

Other pilots in Pershing are Albert Kloock, a supply officer who owns a two-seater—Georgia Thurlow, aero-space engineer who got his license last summer—and James C. Hargrove, equipment specialist, an Air Force veteran.

Engineer Robert Moser, a bachelor from Philadelphia, has had his private pilot's license less than a year and owns a two-seater. He is one of 24 people assigned to the Pershing Field Office in Orlando, Fla., where the missile system prime contractor, Martin Company, is located.

"There's no better way to travel now," says Moser. Traffic conditions on the highways are getting so miserable. And I can average about 105 miles an hour in my Cessna 150, which I can't do on

the road." He has flown to Canada and is planning a trip out West this summer.

Page 12

Redstone Rocket

May 26, 1965

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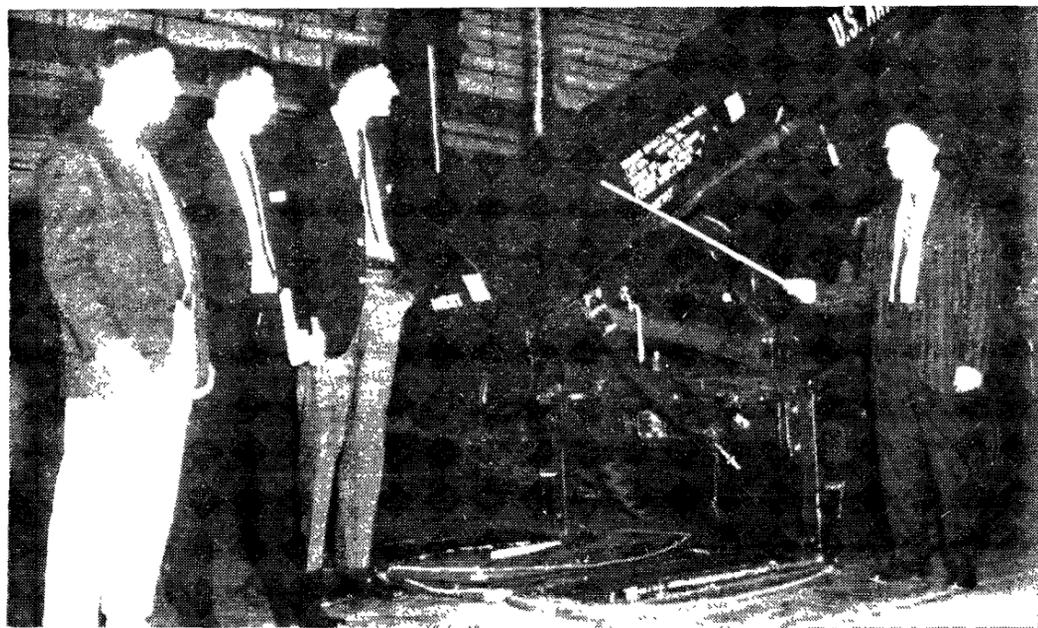
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THIS IS THE ARMY'S LANCE—J. D. Sirote (right) of the Army Missile Command Research and Development Ground Support Equipment Laboratory describes the Lance missile to visiting college students. The I.E.E.E. sponsored tour included young men from eight southeastern colleges. In this group are (left to right) Alfred Watts, Mississippi State; Jim Green, Christian Brothers College, Memphis; and Al Noblin, University of Alabama.

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NON-FICTION

Adler, Bill, Dear President Johnson.

Blum, Richard H., The Commonsense Guide to Doctors, Hospitals, and Medical Care.

Chambers, Whittaker, Cold Friday.

Churchill, Creighton, The World of Wines.

Dobzhansky, Theodosius G., Heredity and the Nature of Man.

Enthoven, Jacqueline, The Stitches of Creative Embroidery.

Fishback, Margaret, Poems Made up to Take Out.

Forbush, William Byron, The Book of Games for Home, School, and Playground.

Freuchen, Peter, Men of the Frozen North.

Huyghe, Rene, Larousse Encyclopedia of Byzantine and Medieval Art.

Graham, Frank, Baseball Wit and Wisdom.

Horrobin, David F., The Communication Systems of the Body.

Hyde, Margaret O., Your Brain, Master Computer.

McGrady, Pat, The Savage Cell.

Montagu, Ashley, Life Before Birth.

Poole, Lynn, Electronics in Medicine.

Sunset, The Dinner Party Cook Book.

Tukey, Harold Bradford, Dwarfed Fruit Trees.

Zahle, Erik, A Treasury of Scandinavian Design.

FICTION

Adams, Clifton, The Hottest Fourth of July.

Anderson, Paul, Trader to the Stars.

Bagley, Desmond, High Citadel.

Benchley, Nathaniel, The Visitors.

Bennett, Jack, Mister Fisherman.

Chamberlain, William, More Combat Stories of World War II and Korea.

Creasey, John, Look Three Ways at Murder.

Fish, Robert L., The Diamond Bubble.

Frison-Roche, Roger, The Raid.

Hawes, Evelyn, The Happy Land.

Hoope, Arthur Watterson, Dreamboat.

Humphrey, William, The Ordways.

Kirst, Hans Hellmut, What Became of Gunner Asch.

Leasor, James, Passport to Oblivion.

Linnington, Elizabeth, The Death-Bringers.

Lutz, Giles A., The Bleeding Land.

MacKenzie, Donald, The Lonely Side of the River.

Mystery Writers of America, Crimes Across the Sea.

Snow, C. P., Corridors of Power.

Stonebraker, Florence, Nurse Under Fire.

Tyler, Anne, If Morning Ever Comes.

Walters, Hugh, Destination Mars.

Yung, Robert F., The Worlds of Robert F. Young.

UNIVERSITY OF ALABAMA IN HUNTSVILLE

Announces The Opening of Summer Quarter

JUNE 10, 1965

Four-year undergraduate programs leading to the bachelor's degree in Arts and Sciences with majors in English, history, mathematics and physics are available in Huntsville to first year students. An undergraduate curriculum in engineering is being determined and will be announced soon. Upper level undergraduate courses are being provided as facilities and availability of faculty permit.

Undergraduate classes will be taught in the following subjects.

ACCOUNTING—Principles of Accounting

AERONAUTICAL ENGINEERING—Aircraft and Rocket Propulsion

BIOLOGY—General Biology (Plant and Animal), Vertebrate Zoology

CHEMISTRY—Introductory Chemistry, General Chemistry

ECONOMICS—Principles of Economics, American Economic History

ELECTRICAL ENGINEERING—Electronics

ENGINEERING DRAWING—Fundamentals of Mechanical Drawing, Engineering Drawing

ENGLISH—Fundamentals of English, English Composition, English Literature, American Literature, English Composition for Engineers, The English Novel, Principles of Literary Criticism

FRENCH—Elementary French, Intermediate French

GENERAL ENGINEERING STUDIES—Nature and Properties of Materials

GERMAN—Elementary German, Intermediate German

HUMANITIES—Foundations of the Modern World

HISTORY—History of Western Civilization, The United States Since 1865, Latin American History Since 1808, Current World History, Foreign Relations of the United States Through 1898

INDUSTRIAL ENGINEERING—Manufacturing Processes, Engineering Statistics

MATHEMATICS—High School Algebra, Plane Geometry, College Algebra, Introductory College Mathematics, Analytic Trigonometry, Analytic Geometry and Calculus, Calculus and Analytic Geometry, Calculus, Applied Differential Equations, Theory of Equations, Introduction to Theory of Differential Equations

MECHANICAL ENGINEERING—Thermodynamics, Heat Transfer

ENGINEERING MECHANICS—Statics, Dynamics, Fluid Mechanics

PHYSICS—Technical Physics, Introduction to Modern Physics

PSYCHOLOGY—Introduction to Psychology, General Psychology, Psychology of Adjustment, Elementary Statistical Methods, Applied Psychology

SPEECH—Elementary Public Speaking.

SOCIOLOGY—Introduction to Sociology, The Family

Graduate classes leading toward advanced degrees will be taught in the fields of engineering, mathematics and physics. Masters degrees may be completed in Huntsville in mathematics, physics, mechanical engineering, electrical engineering, engineering mechanics and industrial engineering.

Courses of a non-credit nature of interest to special groups of persons will be provided from time to time. Such courses are dependent on the indicated need of the groups and on the availability of instructional capability. Courses tentatively listed for the summer quarter are General Engineering Refresher and Industrial Purchasing.

Persons who have not previously attended the University of Alabama and who wish to enroll for the Summer Quarter must complete applications well in advance of registration which will begin on June 10. Only those students who have been admitted by the Office of Admissions and Records of the University of Alabama may be registered for classes. Persons who have previously been admitted to the University of Alabama but who have not attended classes at the University of Alabama in recent quarters are advised to check their admission status before attempting to register on June 10.

For further information concerning these courses and concerning applications, contact the University Offices in Morton Hall at 4701 University Avenue, NW. Telephone 837-4700. Registration for the Summer quarter will be on June 10 and 11 from 1 p.m. to 4:30 p.m. and 5:00 p.m. to 7:00 p.m. First classes will meet June 14, 1965. Late registration, June 14-23. Late registration fee, \$5.00.

WORK-STUDY AND STUDENT LOAN PROGRAMS

Opportunities are now available at the Huntsville Campus for students to participate in the Work-Study Program provided by the Economic Opportunity Act and the National Defense Student Loan Program provided by the National Defense Education Act. In the Work-Study Program students who qualify may register in any of the educational programs of the Huntsville Campus and at the same time earn a large part of their education expenses from employment by the University or a number of cooperating community agencies. The National Defense Student Loan program provides loans for present or prospective students needing financial assistance. Persons interested in the Work-Study Program or the Student Loan Program should consult the Center Director at the Huntsville Campus.

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Page 14 Redstone Rocket — May 26, 1965

1. For Rent

TRAILER SPACE FOR RENT on Guntersville Lake 11 miles northeast of Guntersville Highway 79 (Guntersville-Scottsboro Highway). Write Tanglewood Acres, Scottsboro, Ala. Route 3 or phone Guntersville 582-4702 for information. tfc

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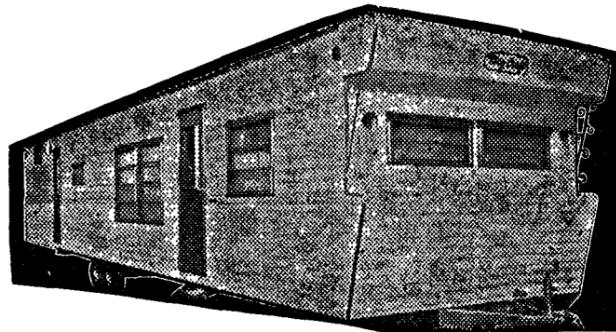
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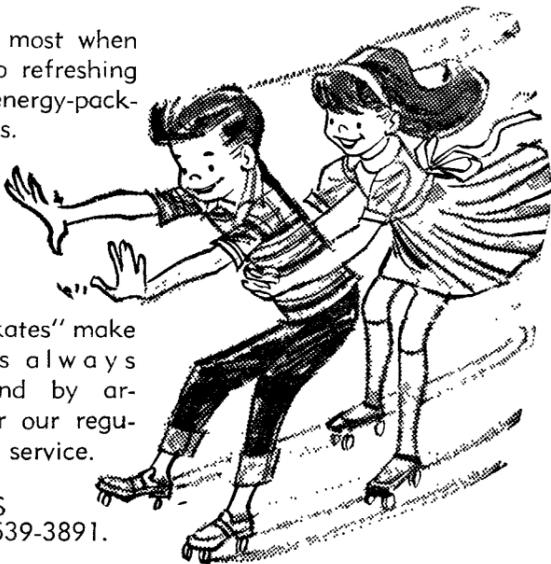
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June 16 1775 — Quartermaster Corps, one of the technical services which was a predecessor of Army Materiel Command, was established when the second Continental Congress passed a resolution providing for "one quartermaster general for the grand army, and a deputy, under him, for the separate army."

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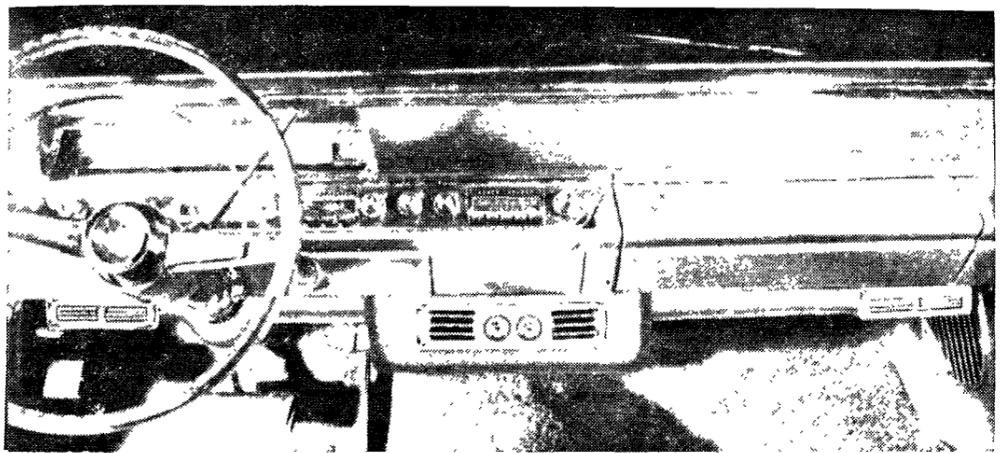
NIGHTS AND WEEKENDS:

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CONFIRMATION—Twenty-four boys and girls were confirmed in Catholic ceremonies at the Post Chapel during the visit of the Most Rev. Robert J. Dwyer (center) of Reno, Nev. The Most Rev. Dwyer administered the holy sacrament. Chaplain (Maj.) John Condon (left rear) and Chaplain (Capt.) Charles Logue, both Catholic chaplains at Redstone, participated in the ritual. Capt. Francis O'Brien and Mrs. T. E. Little were sponsors for the boys and girls. The children are Michael Petruzello and Kristeen Rawhauser.

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Little Brown Books Help Make Missilemen

Little brown books are helping to change average citizens into top flight missilemen at the Ordnance Guided Missile School.

The new Missile and Literature Department at the School is responsible for producing training manuals geared to either students who have had training in electronics or to those who must start from scratch in the missile field.

"We must take the engineer's terms and write them in such a way that Johnny Jones or a former shoe salesman can comprehend them," Lt. Col. William A. Leonard, chief of the Department said. "It's not that we think shoe salesmen are an inferior breed, but we must write manuals that are understandable and free of unnecessary engineering terms."

The Department constantly updates training manuals on the Hawk, Nike-Hercules, Pershing and Sergeant Missiles and is currently monitoring progress made on new missiles currently in the planning stage.

Leonard said a technical writer must follow the development of new missiles right from their inception in order to produce an effective manual.

"These missiles are so complex that we couldn't just wait until the missile is delivered here and then sit down and write training manuals," he said. "We have to follow a missile progress from the drawing board to research and development."

The Missile School, in addition to training missile maintenance men, prepares most of the text books used throughout the Army, printing some 500,000 pages of classroom material each month.

"We are also responsible for writing military occupational specialty tests here," Leonard said. "The missile business is constantly changing. These tests help us determine how students and instructors are doing with our manuals."

Preparing for text books on future missiles calls for working with both the Army planners and companies working on missile research. Missile experts in Leonard's Department must weed the technical shop talk from the shaft in Army texts to give missilemen only the training they need.

"When the Army was new in missilery, they tried to turn missile maintenance men into rocket scientists. We were giving them too much information," Leonard said. "Today, we have the right idea. We give them just the training they will need for their missile specialty without trying to

make them wide-scale electronic wizards with a lot of general knowledge but not enough of what they really require."

One of the Department's most challenging current tasks is preparing texts which will someday teach students to "catch a bullet with their teeth."

The Department is working on plans for training of the Nike X anti-missile missile. Racing to the earth at 170,000 m.p.h. nearly 300 miles every minute—the attacking missile's nuclear warhead takes only seconds to plunge out of space and blast its target, Leonard said.

Officials at the Nike-X Project Office at Redstone Arsenal, with whom Leonard has been working, say detecting and killing this speeding warhead is a task comparable to "catching a bullet with your teeth."

"Nike-X is so terribly complicated," Leonard said. "We are following its stages closely."

Movie Schedule

WEDNESDAY, May 26,
"Man in the Dark" (M)

THURSDAY-FRIDAY, May 27-28
"Mirage" (M-YP)

SATURDAY, May 29
"Apache Gold" (F)

SUNDAY-MONDAY, May 30-31
"Circus World" (F)

TUESDAY, June 1
"Town Tamer" (M-YP)

Two shows nightly at 6:00 and 8:30 p.m. Saturday matinee at 1:00 p.m. Sunday matinee at 2:00 p.m.

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Redstone Rocket

May 26, 1965



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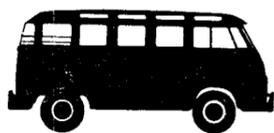
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\$1625.00

1961 VW STA WAG.
One owner.
\$945.00

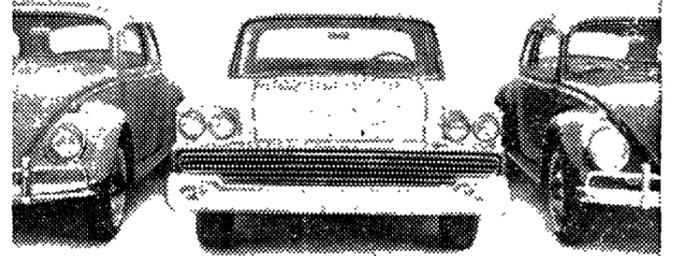
**NO MONEY
DOWN ON
THESE**

1960 Fiat 500
\$295.00

No Money Down
\$17.42 Mo.

1957 DODGE 4-DR.
No money down
\$295.00
\$17.42 Mo.

1956 DODGE 4-DR.
\$250.00
No money down.
\$15.50 Mo.



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**We also sell some
superior domestic used cars.**

Sound funny coming from a Volkswagen dealer?
It's a fact.

We get all kinds of cars as trade-ins.

As they come in, our mechanics put each one through a rigid 16-point safety and performance check. The ones that pass get the complete treatment. They're renovated, rehabilitated, tuned-up, tightened-up, washed and polished, inside and out.

Whether they're chevies, fords, caddies, or used VWs, every one has proved itself good enough to carry our reputation around in it.

Trade-ins that don't pass the exam? They don't even see our used car lot.

We can't afford the luxury of selling anything but the best. Habit, you know.

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1963 MERCURY
Meteor, radio, heater,
auto. trans. Nice.
\$1375.00

1961 CHEVROLET
2-dr., radio, heater, V8,
St. Shift.
\$875.00

1962 CHEVROLET
4-dr., 9 pass. sta. wag.,
auto., V-8, radio, heater,
power steering.
\$1645.00

1961 RAMBLER
Sta. wagon, radio, heater,
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\$695.00

1963 STUDE. LARK
2-dr., radio & heater.
\$875.00

Only \$195.00 Down
\$35.75 A Month

1960 PONTIAC CAT.
4-dr., radio, heater, auto.
trans., new tires.
\$895.00

1962 CHEVROLET
4-dr., 6 pass. station wag.
auto., V-8, radio, heater.
\$1545.00

1959 FORD
½ Ton Pickup with
camper body.
\$795.00

SALE! SALE! SALE! SALE! SALE! SALE!

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Company**

\$5 a full
24-hour day
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a mile*

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The cars are the same!
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