

# The Redstone Rocket

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VOL. XIX; NO. 3

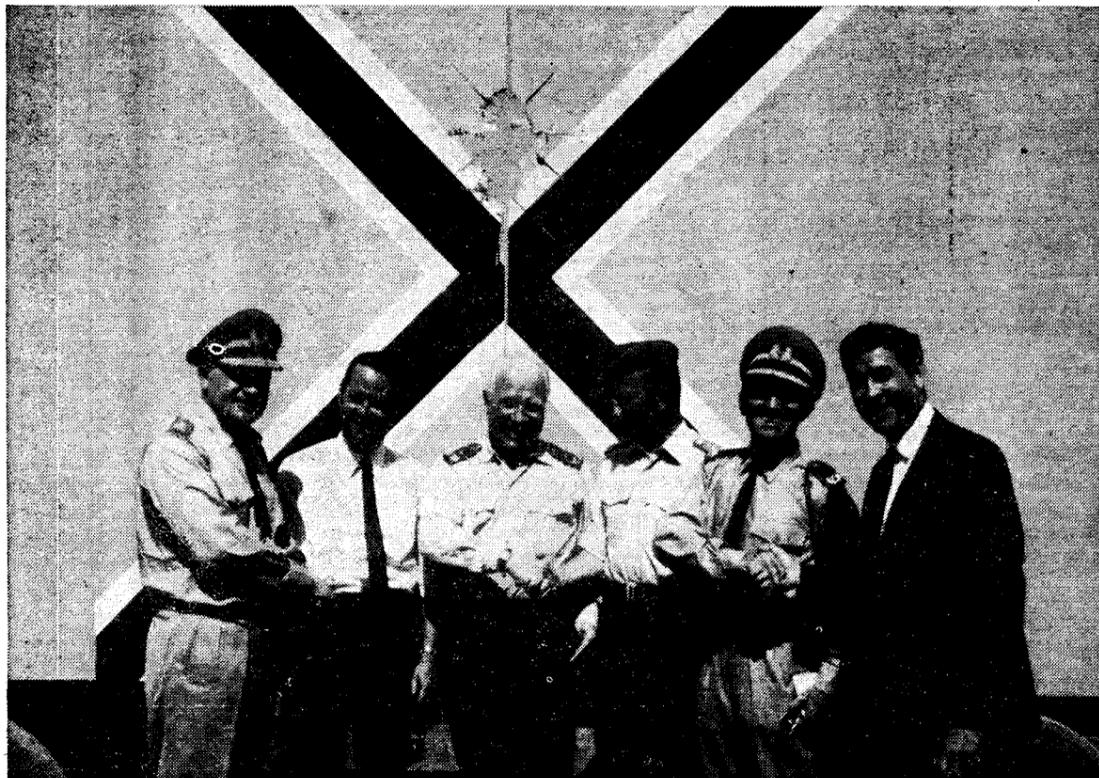
REDSTONE ARSENAL, HUNTSVILLE, ALABAMA 35809

MAY 27, 1970

Arsenal-Wide

Spot News

Dial 112



**THAT'S GOOD SHOOTING!**—Posing in front of a target which shows two shots near dead center, two Germans who fired TOW at Redstone Arsenal last week receive congratulations from Robert Whitley, TOW Project Deputy, and from their countrymen who watched the firings. From left are Maj. Gen. Gerhard Muench, Director of Technical Troops, General Army Office; Walter Bogner, a civilian guided-missile gunner for the Federal Republic of Germany Army who shot five TOW missiles; Lt. Col. Walter-Christian Mueller, who fired one missile; Col. Gerhard Witte, Chief, Infantry Department, Combat Arms Directorate; Brig. Gen. Rainer Paul Friedrich Schwartz, Chief, Logistics, Army Staff, and Whitley.

## Germans Fire TOW Here Following Brief Training

"TOW is the most accurate weapon of its kind I've ever fired."

That unstinting praise came from Walter Bogner, a German civilian, who shot five TOW missiles last Friday at Redstone Arsenal. Bogner, who is a guided-missile gunner for the Federal Republic of Germany Army, nailed five direct hits.

Another German, Lt. Col. Walter-Christian Mueller, also fired one missile, boosting the box score to a perfect six-for-six.

Both Bogner and the colonel were part of a German technical party which got Department of Army permission to visit the Army Missile Command and take a close look at TOW, to undergo brief training and to shoot the anti-tank system.

Although both had some classroom orientation, Col. Mueller had only 30 minutes tracking experience while Bogner had less than

two hours.

All missiles were fired from a launcher mounted aboard a jeep.

Watching the display of sharpshooting was another party of German logisticians who had come to Redstone for briefings on TOW, Redeye and Dragon. Heading the party were Maj. Gen. Gerhard Muench, Director of Technical Troops, General Army Office and Brig. Gen. Rainer Paul Friedrich Schwartz, Chief, Logistics, Army staff.

TOW is the Army's newest guided missile system which can knock out field fortifications or destroy any known enemy armor. Managed by the Army Missile Command at Redstone Arsenal, Ala., TOW can be fired from a ground emplacement or mounted on helicopters and a variety of vehicles.

Lt. Col. Robert W. Huntzinger is TOW Project Manager.

(See TOW'S ACCURACY on Page 4)

## DOD Panel Seeking Ideas To Improve Race Relations

The Department of Defense is developing a program of education in race relations in the Armed Forces.

Assigned the job is the DOD Inter-Service Task Force on Education in Race Relations. This panel consists of 12 members, officers and enlisted, three each from the Army, Navy, Marine Corps and Air Force.

Organized less than two months ago, the mission of this twelve-man group is "to promote mutual understanding, cultivate respect for the various existing cultural differences and maintain harmonious relationships among all members of the Services, thereby enhancing the overall effectiveness of our Armed Forces in their primary mission accomplishment."

The Task Force will conduct per-

sonal interviews, analyze service school curricula on race relations, conduct discussion panels, visit installations in the field and consider written suggestions from service members.

The Task Force is seeking recommendations which will improve military race relations and invites all personnel who may have constructive ideas on the subject to send them to: Chairman, Inter-Service Task Force on Education in Race Relations, OASD (M&RA), Washington, D.C. 20301.

Suggestions should be in Washington prior to June 1.

The panel wishes to receive positive ideas to improve racial harmony in the Army, not gripes and grievances which should be referred to local commanders through channels.

### ROCKET DEADLINE

With a short work week, please send copy to The Rocket by tomorrow so that the stories can be processed in time for next week's paper. Have a nice holiday on Friday, and enjoy the long weekend.

## DOD Cost Reporting Plan Evolves From MICOM Idea

An improved system of industry reports on costs actually incurred while working on government contracts will make it possible for all the Armed Services to collect data needed to measure performance on existing contracts and more accurately forecast the cost of similar work in the future.

Recently approved by the Department of Defense for joint use

by the Army, Navy and Air Force, the reporting system, known as Procurement Information Reporting (PIR), evolved from pioneering work conducted by the U. S. Army Missile Command.

That effort is now being carried forward as part of the Missile Command's implementation of PROMAP 70, the U. S. Army Materiel Command program to improve the ways the Army buys its weapons and other hardware.

Joe Huie, action officer for the new reporting system in the Missile Command's Procurement and Production Directorate, said it had been successfully applied in tests conducted for the Defense Department by the Missile Command.

Selected because of the Command's previous efforts to improve (See HUIE on Page 4)

disposal, Wood found plenty of information for his project, but lacked the idea that would make everything fit into place.

One evening while sitting at home, Wood suddenly thought of an idea that might work. Commandeering the kitchen table, he cut up a cardboard box to provide a board to work on and set about putting his idea on a home made chart.

Utilizing bits of colored paper, string, a piece of elastic and a ball point pen, Wood laid his plan out in sequence. As he worked and rearranged various checks and tasks, the plan evolved into a method that could be utilized as a task in System Engineering under the Army Materiel Command's PROMAP 70 Program, under the Army Materiel Command's PROMAP 70 Program, a major new effort to improve the way the Army buys its weapons and other hardware.

Homemade chart in hand, Wood presented his ideas to Dr. John L. McDaniel, Director of the Missile Command's Research and Engineering Directorate. McDaniel approved the plan and when a new chart was drawn, requested he be given Wood's homemade chart to hang on the wall of his office as a reminder that all good ideas are not born in the laboratories . . . some come at odd times and in strange places.

Wood's chart, known as the System Engineering Analysis, can be applied to missile systems on the drawing board as well as those already developed and about to go into production.

(See PROMAP-70 on Page 2)

## Army Contracts For Supplemental LCSS Equipment

A \$1,017,076 contract has been awarded by the Army Missile Command to RCA Corporation for production of TOW supplemental equipment for the Land Combat Support System (LCSS). The work is to be performed at the corporation's Burlington, Mass., plant.

The LCSS is a multi-purpose system designed to test and isolate malfunctions in the guidance and control components of the TOW, Shillelagh, Dragon and Lance missile systems.

Four production models of the LCSS were recently deployed in Europe in support of the Sheridan/Shillelagh weapon system.

At the Missile Command, the program is directed by the Land Combat Support Systems Product Office.

The contract was executed by the Missile Command Procurement and Production Directorate.



COL. ROY E. BRANSON

## Col. Branson Becomes Deputy Director, DASO

Col. Roy E. Branson has been named the Deputy Director of the Arsenal Support Operations Directorate succeeding Col. Mac D. Hendricks who retired recently.

When he first arrived at Redstone last December, Col. Branson was assigned as chief of the Control Office in DASO. He came here after serving in Korea as the Commanding Officer of the 20th General Support Group.

Other overseas tours include

two in Hawaii and two in Europe.

His former stations in the U.S. are Ft. Rucker, Ala., Edgewood Arsenal, Md., Washington, D.C., Ft. Bragg, N.C., Ft. Monroe, Va., and Ft. McClellan, Ala.

The colonel was originally from Houston, Mo., where he was graduated from high school. He has attended the University of Maryland, the University of North Carolina, Georgetown University and the University of Hawaii.

# 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., 35809, Bldg. 5250, Room A-136, Extension 876-1400 or 876-1509.

All advertising copy and payments therefor are received by Mrs. Vergie Robinson, P. O. Box 346, Huntsville, Ala., 35804, telephone 534-4701, as representative of the publisher. Advertising deadline—both display and wanted—is 10 a.m. Monday before publication.

The Redstone Rocket is distributed free of cost to personnel at Redstone Arsenal. Mailing rates off post for the Rocket are \$7.42 a year, or \$4.00 for six months, tax included. Mailing arrangements may be made with the publisher, P. O. Box 520, Huntsville, Ala. 35640.

## Rocket Ruminations

While we read history we make history.

—George William Curtis

## Memorial Day Thoughts

For more than a century, Americans have set aside this day to honor those who died in battle. The custom began in the aftermath of the great Civil War that might have torn this nation in two. Even after it ended, destruction and bitter memories marred the peace. A symbol of reconciliation was needed, one that would bring together all Americans as they tried to become a united nation.

In 1867, an act of kindness by a group of ladies in Columbus, Mississippi, supplied the symbol. As they decorated the graves of Confederate soldiers, they saw nearby graves of Union soldiers—bare and forgotten. Carefully they placed flowers on them too, and so began a tradition that endures. In 1882, Decoration Day became Memorial Day to describe more fully the sentiment of the occasion. And with the passing of years, Memorial Day has become a salute to the military dead of all our wars.

Saturday, we shall be honoring well over a million Americans who paid the supreme sacrifice for their country. History records them as: Revolutionary War, 4,000; War of 1812, 2,000; Mexican War, 13,000; Civil War, 364,000; Indian Wars, 1,000; Spanish American War, 11,000; World War I, 116,000; World War II, 406,000; Korean Conflict, 55,000; and during the current trouble in Southeast Asia more than 41,000 of our fellow Americans have given their lives.

As to why they fought, knowing very well that their very lives were at stake, it is quite likely that no two of them would phrase their answer in exactly the same way. There are those who would tell you that they went blindly into battle, bitterly resenting the fate which had chosen them among all others, to be on that battlefield, falling plane or sinking ship. Others feel otherwise.

Patriotic Americans know what they and their fellow countrymen are fighting for, although they may have difficulty putting it into words. Boiled down to its essence, they fight for their country, for freedom and what it means to them. Today it is somehow unfashionable to speak of patriotism and idealism, to fly the flag, to think hard about what America stands for and what our freedoms cost us. Yet, it was this deep belief that motivated those who died.

In commemorating a day that began as a symbol of unity in our nation, we might all consider carefully the precious gift that we have as citizens of a nation that so many men and women died to preserve and protect.

### MISSILE COMMAND COFFEE

Wives of officers assigned at the Army Missile Command will hold a coffee in the Safeguard room at the Redstone Officers Open Mess at 10 a.m. June 2.

Reservations deadline is noon Friday. Mrs. Louis W. Haskell, Jr., is handling reservations.

### AWARDS CEREMONY

Army Community Services will present awards at 9:30 a.m. tomorrow to volunteers and 11 trainees for their contributions during the past year.

The ceremonies will be in the ACS office, Bldg. 3656, behind Rod and Rake on Ajax Road.

## PROMAP-70

(Continued From Page 1)

The principle objective of his Analysis plan is to anticipate and eliminate problem areas as early as possible in the research and development stages. It has been used successfully, however, on systems that are in the flight test stage.

On one particular missile system, a problem was discovered in the prefiring sequence. If the operator made the slightest error or deviation in the setting, the missile would fire, but would not hit the target.

Using the Systems Engineering Analysis, the problem was isolated and a device was developed that would refuse to fire the missile unless the correct information was fed into the computer.

While ideas and concepts are the backbone of the research and engineering program, they don't mean a thing if engineers don't have the knowledge and background to carry the project through to a successful conclusion.

Wood, a native of Huffman, Ala., has acquired extensive background knowledge since receiving his Bachelor's Degree in Electrical Engineering from Auburn University in 1956.

In the period following his graduation from college, Wood was an electronic engineer with Bell Telephone Co. and designed input-output equipment for a missile guidance computer.

During 1957-58, he worked with Rohm & Haas as an electronic engineer and played an important part in the design and development of instrumentation equipment.

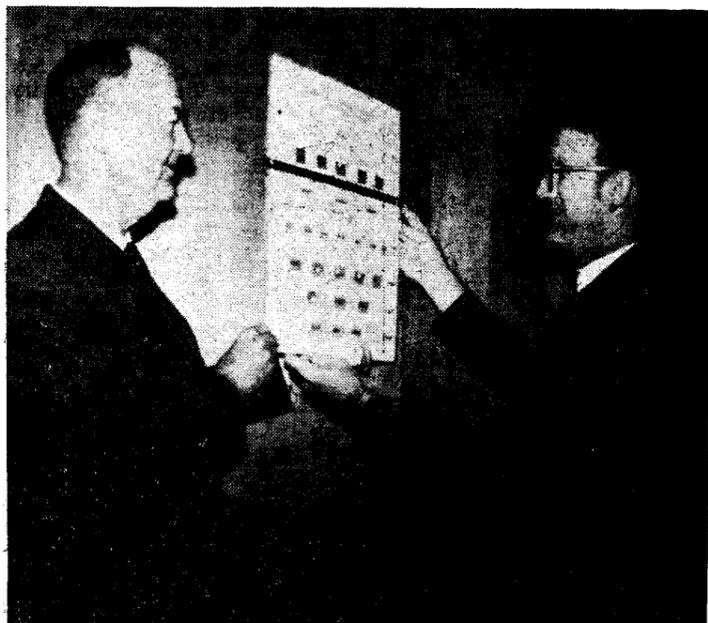
After joining the Army's missile program in 1958, Wood worked on a succession of projects such as, design of acoustical instrumentation van, design of digital instrumentation van, partial design and project manager of digital data handler for 84 foot antenna, and in-house research and development on SAM-D seekers.

For his work on the SAM-D Evaluation, Wood received letters of appreciation from the Commanding General, Missile Command, the Director, R&E, and the Director of the Electromagnetics Laboratory.

For Wood just doing a job has never been enough. He has written at least four papers for publication, contributed to missile system reports and made a variety of presentations to high ranking Department of Army officials.

In between these activities he has found time to make a patent application for his High Speed "Greatest of" Circuit technique.

Wallace E. Wood is one of the dedicated breed of Army missilemen who are constantly searching for new ideas that will make our missile systems more reliable and effective in the hands of the American Soldier.



**IDEAS PAY OFF**—Dr. John L. McDaniel, Director of the Army Missile Command's Research and Engineering Directorate, has Wallace E. Wood, Research Electronic Engineer, hang his home-made chart on the office wall. Wood got his idea for a new systems engineering analysis while sitting at home one evening. He used bits of colored paper, string, a ball point pen and a piece of elastic to make a chart on a piece of cardboard. The idea was adopted and Dr. McDaniel keeps the chart on his wall to show all ideas are not born in the laboratory.

# Job Vacancies

## NATIONAL BUREAU OF STANDARDS

### Gaithersburg, Md.

These vacancies have not been previously announced.

- 1 Supv. Gen. Eng. (Plant equipment & facilities), GS-801-13-14
- 2 Laborers (heavy duty), WB-3502-3
- 1 Clerk Typ. or Adm. Aid (typing), GS-332-4 or GS-301-5
- 1 Supv. Paper Coating Technologist, GS-1301-11-13
- 1 Computer Systems Analyst, GS-334-7-12
- 1 Research Structural Engineer, GS-810-11-12
- 1 Mechanical Engineer or Physicist, GS-830-1310-7
- 2 Civ. Eng., Mech. Eng., or Phys., GS-810-830-1310, 7-12
- 1 Mech or Elec. Eng., GS-830-850-9
- 1 Eng. (ME, Civ., Eltr., Elec.), GS-830-810-850,855-12-13

### National Bureau of Standards

#### Clearing, Ill.

- 1 Eng. Tech., GS-802-9

### Internal Revenue Service

#### Birmingham, Ala.

#### Huntsville, Ala.

#### Nashville, Tenn.

- 1 Special Agent, Treasury Enforcement, GS-1811-5-7
- 2 Tax Auditor (Bus Ad Major), GS-526-5-7
- 1 Revenue Officer (Bus Ad Major), GS-1169-5-12
- 1 Tax Payer Svc. Rep., GS-592-7

### Defense Supply Agency

#### Cameron Station

#### Alexandria, Va.

- 1 Purchasing Clk., GS-1106-5
- 1 Pers. Mgt. Spec., GS-201-12-13
- 1 Supv. Docu. Spec., GS-301-11
- 1 Cont. Compl. Spec., GS-301-13
- 1 Small Business Advisor, GS-1102-16

### Fort Monroe, Va.

- 7 Automatic Data Processing Trainees, GS-334-5
- 1 Management Analyst (Trainee), GS-343-5
- 1 Accountant (Trainee), GS-510-5

(Note: On above trainee positions, applicant must be willing to sign mobility agreement at GS-5 level, with promotion to GS-7 after one year training and promotion to GS-9 after two years. College degree or equivalent is desirable.)

Any person who is qualified and available to be considered for one of these vacancies should forward an up-to-date SF 171 to AMSMI-KPER, Building T-3164. Attach a note (DD Form 95) indicating the position and location for which you are applying.

### Veterans Administration

#### Detroit, Mich.

- 1 Contact Representative, (Trainee) GS-962-7 (Potential GS-8)

On the above position, FSEE eligibility is required. Applicants should submit SF 171 clearly marked in position-applied-for blank, "Contact Representative Trainee," Detroit, Mich., along with a copy of the FSEE rating or proof of passing rating.

### CAPPING CEREMONY

Twelve Red Cross volunteers will receive caps in ceremonies at the Post Chapel at 1:30 p.m. tomorrow.

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1968 Dodge RT—Air and power with vinyl top. \$2,495.

1968 Dodge Monaco—4 dr. H.T., full power, air, vinyl top, local owner car. \$2,495.

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1970 Cadillac Sedan DeVille—Fully loaded, only 6,000 miles ..... \$6,195.

1968 Cadillac Sedan DeVille — Fully equipped including stereo, new tires and vinyl top. 20,000 miles. \$4,195.

1962 Cadillac Coupe DeVille—Air and power. \$995.

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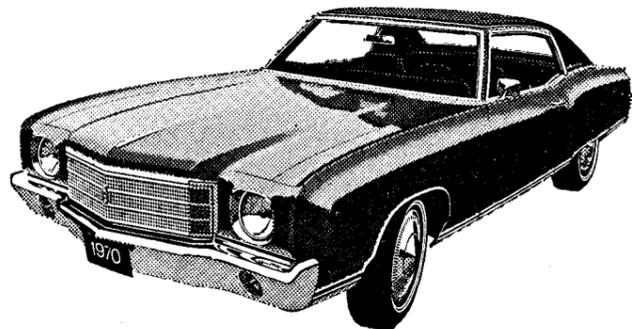
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| '68 Chevy Pickup \$1995<br>V8, automatic.                           | '63 Chevrolet \$895<br>Convertible. Auto., new tires.                  |
| '66 Chevy Pickup \$1495<br>3 speed, 6 cyl., shell camper.           | '62 Ford \$695.<br>Station Wagon. Auto. V8.                            |
| '67 Chevy El Camino<br>Air, automatic, full power.<br><b>\$2295</b> | '65 Ford LTD \$1295<br>4-dr. Air, power steering, auto.                |
| '63 Ford \$1095<br>3/4 ton pickup. V8, 4-speed.                     | '65 Chevrolet \$1495<br>Impala Wagon. Air, auto., full power.          |
| '66 Ford \$1595<br>Pickup. Long wheel base, 4 speed.                | '64 GTO Convertible<br>Automatic, bucket seats.<br><b>\$1495</b>       |
| '68 Ford \$1795<br>Pickup, 3-speed.                                 | '65 Corvette \$2795<br>Coupe. 4 speed, like new.                       |
| '63 '60' Series Chevy \$1395<br>6 cyl., tandem axle.                | '68 Corvette \$4195<br>Coupe. Full power and air.                      |
| '64 BUICK \$895<br>Special Sedan. V-9, automatic                    | '68 Corvette \$4395<br>Convertible. Full power and air. Two tops.      |
| '64 Pontiac \$1295<br>Grand Prix. Full power & air.                 | '70 Ford \$3495<br>Torino Fastback. Auto., power steering. 1400 miles. |



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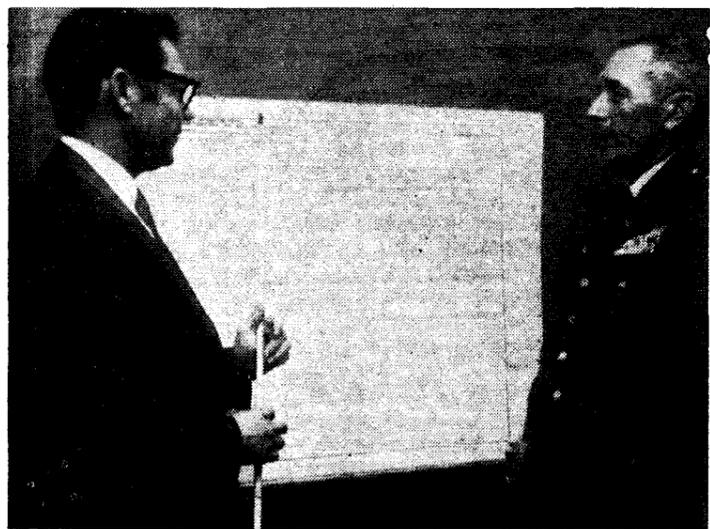




**GERMANS WATCH TOW FIRINGS**—Officers from the Federal Republic of Germany watch the TOW anti-tank missile system in action during their visit to Redstone Arsenal. The group of German logisticians also were briefed on Redeye and Dragon during their stay at the Army Missile Command.



**SHOWS HOW IT'S DONE**—Walter Bogner shows the shooting form that nailed five direct hits in five attempts. At left, Robert Whitley, TOW Deputy Project Manager, explains the anti-tank system to Col. Gerhard Witte, Chief of the German Infantry Department, Combat Arms Directorate.



**WORKING ON PIR**—Joe Huie, left, of the Missile Command Procurement and Production Directorate, shows Col. James T. Haynes, Director of P&P, some of the charts developed for the Procurement Information Report (PIR). The effort is part of the Missile Command's implementation of PROMAP 70, the Army Materiel Command program to improve ways the Army buys its weapons and other hardware.

**HUIE**

(Continued From Page 1)

cost reporting methods, Huie served as Chairman of a tri-service group working on PIR. The group was charged by the Office of the Secretary of Defense with developing a better way to get more realistic cost data from contractors. Defense wanted the information so that it could be used to forecast costs, cover costs on all items, and reduce the number of report forms in use by the services.

The task of devising a stand-

dized reporting system compatible with industry and the needs of three services required Huie and his group to visit numerous defense contractors and several defense activities, before agreeing upon a final format.

The reporting system sets uniform requirements for all contractors in major categories such as engineering, tooling, quality control, manufacturing and related costs for components selected by the Government.

Contractors are required to report periodically the man-hours and dollars actually expended on the contract element.

"Thus the actual experience of a manufacturer is available for making estimates for the cost of the same kind of item in the future. Of course we must make appropriate adjustments for subsequent rise in labor or materiel costs, a larger or smaller run, or any other circumstance which may influence the contract," Huie said.

"With uniformity in reporting, the information is readily comparable with previous reports, the performance by two or more contractors working on the same items is easily assessed, and the data can be put into data banks for quick retrieval when needed.

"Suppose we require a contractor furnishing complete missiles to report on the guidance assembly costs. Subsequently, an estimate may be required within the Missile Command for a certain number of the same guidance assemblies. With the information recorded in the data bank the contracting officer or negotiator can retrieve it and use it to make a more accurate estimate with adjustments for such variables as size of run."

In order to educate other Army commands on the use of PIR, Huie will soon visit several of them and give a presentation on the system. "In essence," Huie said, "I'll be telling them 'here's a way to do a better job.'"

**TOW'S ACCURACY**

(Continued From Page 1)

In the Army's arsenal, TOW is expected to replace the 106mm recoilless rifle as well as ENTAC and SS-11 missiles.

**LITTLE PEBBLES MAKE BIG RIPPLES...**



**SAFSCOM Engineer Dies Last Week**

John P. Waller, a Civil Service employee in Huntsville since 1959, died unexpectedly last week apparently as the result of a stroke. He was 44. Burial was in Kansas City last Friday.

Mr. Waller was Chief, Range Support Branch, Range Operations

Division, Kwajalein Range Division, U.S. Army Safeguard System Command. He had been associated with the Army's anti-ballistic missile program since 1963.

He held a B.S. degree in engineering from the University of Missouri and the Doctor of Laws degree from the University of Kansas City.

Unmarried, he resided at 1207 Randolph Ave., SE, Huntsville. There are no immediate survivors.

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- 1965 Lincoln Continental—Air and power. .... \$1,495.
- 1966 Rambler American—2 dr. H.T., 6 cyl., automatic. .... \$995.
- 1964 Rambler American—4 dr., auto. Real sharp car. \$795.
- 1968 Javalin ..... \$1,795.
- 2—1967 Lincoln Continentals—4 dr., all power, air, vinyl top. Like new. \$2,895.
- 1968 Lincoln Continental—4 dr., all power, air. Local one owner. .... \$3,795.

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# Ammo Loading Is Precise Military Science



UNDER THE WATCHFUL EYE of SSG Joseph Sergi, three of the students begin the construction of a pallet of ammunition. After steel bands have been placed through the center section of wooden framework, cases of ammunition are lined up on its surface.



WHEN THE REQUIRED NUMBER of boxes are placed on the skid, they are bound together by steel bands.

The convoy from Co. F, 34th Bn., 99th Inf., drove their vehicles to the ammunition supply point (ASP) and turned over command of their convoy to the specialists who were on duty.

Now, all they had to do was wait until they were notified that the trucks were loaded.

The ammunition storage specialists drove the vehicles to the first munitions point and began the loading procedures. As one man took inventory of the ammunition kept at the point, another moved the rough terrain forklift into position to pick up the first pallet. At a given signal the forklift operator eased the prongs underneath the skid and raised it to the truck bed. After jockeying into position the load is set down on the truck.

The same procedure was followed at all points in the ASP until all munitions required by the unit has been loaded. A half-hour later the specialists returned to the starting point and informed the men from Co. F that their supplies were ready for pickup.

The efficiency and skill with which the loading of the munitions were conducted is the result of the expert training the ammunition specialists received during an 11-week course in ammunition storage at the Army's Missile and Munitions Center and School.

During the course of instruction, these men become familiar with all aspects of ammunition handling, storage, inventory and distribution. Also covered in the course is the operation of the heavy-duty forklift used to load the munitions onto vehicles.

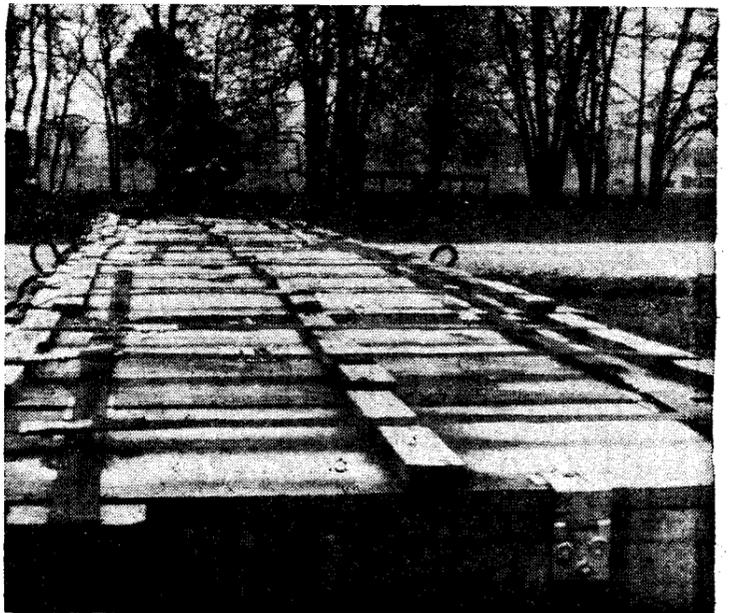
Practical application at a well-planned ASP at Redstone Arsenal augments the lectures received in the classrooms.

The ASP is set up as a typical supply point with many types of training ammunition as well as crates for practical exercises in the loading and bounding of ammunition. Under the expert guidance of noncommissioned officers, the students learn first hand the operation of an ASP.

At the end of the course the soldiers are assigned to ammunition storage units throughout the world wherever the Army is stationed. They are more than qualified to operate as part of a team of men who perform their jobs with a maximum of efficiency and a minimum of delay.



STUDENTS ARE ALSO TAUGHT the operation of the rough terrain fork lift which is used to load the pallets onto vehicles.



AFTER THE PALLETS ARE BOUND and stacked neatly, a complete inventory is made of the ammunition.

## Toastmistresses Judge Setterlund 'Best' Speaker

Mrs. Gordon Setterlund was adjudged the best speaker at the meeting of the Redstone Toastmistress Club last week at the Redstone Officers Open Mess.

Dudley Williams served as topicmistress and Mrs. M. F. Gibbons as toastmistress. Mrs. Setterlund's speech was one of three autobiographies. The other two were presented by Mrs. Garner Sims and Mrs. W. W. Seward. Mrs. Philip Certain presented an extemporaneous speech and Mrs. Geneva Kil-

## Theater Schedule

WEDNESDAY, May 27—"In Search of Gregory"(GP)  
 THURSDAY, FRIDAY, May 28-29 —"Tick . . . Tick . . . Tick"(G)  
 INCREASED ADMISSION: adults 50c, children 25c.  
 SATURDAY, May 30 — "The Mercenary"(GP)  
 SUNDAY-MONDAY, May 31-June 1 — "Paint Your Wagon"(GP)  
 INCREASED ADMISSION: adults 75c, children 25c.  
 TUESDAY, June 2 — "Equinox"(GP)  
 Two shows nightly at 6:00 and 8:30 p.m. Sunday matinee at 2:00 p.m.  
 gore an impromptu. Mrs. Gaston Boyd was voted the best topic speaker.

## ROCK, ROLL AND WARBLE

Karen Sheeran of Athens, Ala., will be the featured vocalist with "The Neutrons" rock n' roll band slated at the Service Club Sunday at 7 p.m.

Karen recently appeared on a show with Jeanne Riley and Johnny Dollar and "The Dollars" band. She also appeared in Birmingham with Hee Haw's Roy Clarke, Grandpa Jones, and Archie Campbell.

Members of "the Neutrons" band are: Greg Young, drums; Mike Lenox, organ; Antony Abernathy, bass guitar; Randall Barksdale, second guitar; and Gary Aderholt, first guitar.

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# Pershing Takes On RASA In Showdown Battle

## Civilian Softball Rivals Unbeaten After 6 Games

Pershing and RASA continued on their collision course in Civilian Welfare Fund softball pay last week, each winning a pair of contests to run their unbeaten strings to six games apiece.

The two rivals were to have settled their differences on Monday. However, the entire slate for that night was washed out. The game will be played at the end of the first half schedule, probably on Wed., June 10.

Pershing had trouble getting started against Safeguard but caught on late with a 21-run sixth inning explosion for a 29-5 victory and then made it six in a row over MISD, 15-5.

RASA also had a rough row to hoe in their first encounter before taking the G&C Lab, 11-8, but had an easier time against Communications, 17-3.

Missile Intelligence took over sole possession of third with another two-win week. MID was awarded a win when MCD was unable to field a full team before manhandling Metrology, 22-5.

G&C came back to even their slate for the week by taking the Corps of Engineers, 18-11, and the Engineers did the same with a 19-12 decision over Communications.

Safeguard entered the win col-

umn at the expense of GEM, 19-12, and MISD picked on the same team for a 19-12 win. MCD captured the closest game of the week with a 7-6 squeaker from Financial Management, a team that also lost a 26-7 nod to the Metrology Lab.

Hal Jacobs ignited the Pershing merry go round with a single and before the inning was over had contributed a pair of home runs. The ABM crew only trailed by three, 8-5, going into the fateful seventh.

Five unearned runs provided difference between a win and a loss in RASA-G&C clash with RASA picking up the marbles.

Johnnie Roberts did the most devastating hitting for RASA, driving in five runs with his sixth home run and a pair of doubles. Randy Sumner was just as effective with his glove making three spectacular catches in center field to halt promising G&C rallies.

### RETIREMENTS

Lt. Col. Russel A. Simpson heads the list of men retiring at the end of April from active Army duty at the Army Missile Command. There are two others: SP6 Herbert S. Pumfrey of the 95th Calibration Company and SP6 Robert E. Russell, Special Operations Element.

## Safeguard Assist Helps Boost MICOM Into Lead

Thanks to a big helping hand from Safeguard, the Missile Command girls soared back into the

lead of the Huntsville Women's Softball league race last week.

The MICOM girls won twice last week, beating Safeguard, 12-3, and the Marshall Center, 6-3, to boost their record to five wins against a single loss.

The ABM girls came back from the MICOM loss to dole out a 11-7 setback to M&M, the team that owns the only blot on the MICOM slate.

Pat Shipp, Kathy Leeth and Gladys Hill combined their talents in giving MICOM the win in their intramural duel with Safeguard.

The former got the ball rolling with a three-run round tripper in the first frame and the latter stymied the Safeguard hitters in all but one inning mainly on the strength of accurate throwing of Miss Leeth from the outfield.

Kathy cut down runners at third on two occasions and at home on another to wipe out potential Safeguard rallies.

Jackie Carswell paced the 16-hit MICOM attack with four for four while Leeth and Barbara Ikard connected three times apiece.

Hill went to the seventh inning before yielding a score to the defending champions from Marshall later in the week. Gladys had a perfect game going for five innings and a shutout for six before NASA was able to put together four hits and a walk for three runs in the seventh.

By that time the MICOM gals had crossed the plate six times aided by a 14-hit attack. Kitty Swain and Jeanne Hayes had three apiece while Ikard contributed a three-run triple to the cause.

The MICOM defense turned in an errorless game with Carswell turning in a spectacular performance at short and Bev Cramer duplicating in the outfield.

Safeguard started fast with a pair of runs in the first inning and led M&M 7-4 into the sixth, but had to rally with four more for their big win over the previously unbeaten team.

After M&M tied the game with three in the top of the sixth, the ABM gals went to work in their half of the frame and pushed four runs across on five hits. Claudelle Griggs set three M&M hitters down in order in the seventh to preserve the win.

## Golf Group Hosts Willowbrook CC

Wednesday the Officers Wives Golf Group were hostess to 27 members of the Willowbrook Country Club.

They played for the most 3s, 5s and 7s, low gross and low net with winners from both clubs sharing each of the prizes. Winners in the most 3s category were Madeline Quattlebaum, Redstone and Leona Griffith and Rickey Currie from Willowbrook ending in a tie.

Most 5s were taken by Mae LeVaas, Redstone and Maizie Stripling, Willowbrook. Most 7s ended in a three-way tie among the Redstone Group: Vi McDermott, Mar-

## HOLLAND-BENNETT DUO TAKES FIRST

The nine-hole group among Officers Wives golfers played a blind partners competition on the Redstone Course last week.

The first place team consisted of Sue Holland and Maggie Bennett. In second place were Barbara Jennings and Sherry Blount and third place was won by Elizabeth Barnett and Bobby Flint.

garet McBrearty and Bette Dow, with Willowbrook's Carol Rowden.

Low net was shot by Redstone's Lucille Johnson with two from Willowbrook tied: Gladys Samuelson and Hazel McMahon. Martha Napper, Redstone and Jan Cope, Willowbrook shot low gross.

## Rocket Guilty Of Oversight

Erroneously, The Rocket headlined the wrong winner as champion of the Spring Tourney among the Officers Wives Golf Group last week.

The overall champion is Carol Saccuzzo who consistently has been shooting better golf than any other member of the group, winning the fourth flight at the Burning Tree Invitational in Decatur two weeks ago. She came in with low net at the end of the tournament.

Other winners from here included Mae LeVaas, Bette Dow, Martha Napper, Lella Mullins, Camille Schlendering and Louise Hix.

In the Spring Tournament at Redstone, Jane Walker was the first flight winner.

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1 Browning 30-06 Stand. Like New No. 339  
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1 Savage M—6400 30-06 Like New No. 262  
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1 British 303 Far No. 333  
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**SHOTGUNS**

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Browning Mag. 12 Plain. Like New \$125.

1 Matador 12 double. Like new \$112.50

1 L. C. Smith by MARLIN \$249.95  
 12 Like New

1 Rem. 870 16 ga. Pump, Good \$67.95

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**PISTOLS**

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1 Colt Diamond Back, 4 in. \$109.95  
 nickel 38

1 Colt Trooper Mark III, Blue, \$119.95  
 4 in. 357

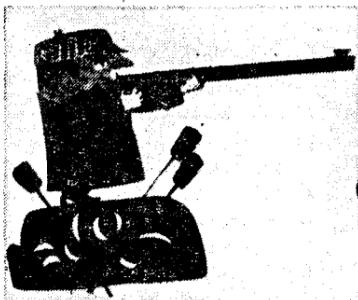
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1966 Chev. Caprice—Air, power, vinyl top. .... \$1,495.

1963 Chev. Impala S — Automatic, and power. .... \$995.

1966 Chev. Impala — 2 door-hardtop, air and power. \$1,595.

1963 Chev. SS Convertible. \$695.

1967 Chev. Impala—2-door hardtop, air and power, low mileage in warranty. .... \$1,895.

1966 Chev. Caprice — 2-door hardtop, air and power. \$1,695.

1966 Chevrolet — 4-speed, 396 Super Sport convertible. \$1,495.

2—1969 Chev. Impala Custom—2-door hardtop, full power, factory air, vinyl roof. .... \$2,995.

2—1969 Camero — Full power, factory air, V-8, automatic, vinyl top. Local one owner. .... \$2,895.

1965 Chev. Malibu SS—2-door hardtop, V-8, automatic, power steering. Like new. .... \$1,395.

1966 Chev. Impala SS Convertible—396, 4-speed. .... \$1,395.

1969 Chevelle Malibu — 2-door, hardtop, V-8, auto., full power, factory air, vinyl top, local one owner. .... \$2,995.

1967 Chevelle—2-door, hardtop, 327 4-speed, A-1 condition. .... \$1,695.

1968 Chev. Caprice, 4-door, loaded including air, vinyl top, stereo tape deck, local car, 24,000 miles. .... \$2,495.

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**SULLIVAN DAY IN BIRMINGHAM**—Maj. and Mrs. Robert Sullivan may soon have to find a larger home just to display all the trophies that their daughters have been winning for their prowess on the maple lanes. Nine year old Cheryl dominated the bantam division of the Alabama State Junior Bowling tournament, winning or helping to win all four scratch titles. Her eight-year old sister, Judy, did alright herself, winning three trophies. The two Sullivans won the doubles and teamed with Marsha and Debra Dinkle and Sheree McCowan in posting the highest scratch team pinfall.



**ADMINISTERS OATH OF OFFICE**—Brig. Gen. George H. McBride, right, Deputy Commanding General of the Army Missile Command, talks with his daughter, Eileen and her husband, 2dLt. Christopher S. Wheeler, after administering the oath of office to his son-in-law upon his acceptance of a Regular Army commission at Ft. Wolters, Tex. Lt. Wheeler is a flight student at the Army Primary Helicopter School, Ft. Wolters.

## German, Puerto Rican Take Scholarly Honors

Men representing Germany and Puerto Rico captured top honors at Friday's graduation of the Missile and Munitions Center and School. SSgt. Rolf Reiners, Delmenhorst, Germany, compiled a 97.0 average in the Nike radar and computer repair course, while SSgt. Brigido Colon-Laboy, Santa Juanita, P.R., averaged 98.5 in the ammunition records course. For their outstanding academic achievement, W. B. Slade, Association of the United States Army (AUSA) representative, presented the men with the AUSA plaque. This plaque is awarded only to those students whose average is 96 or higher in

their studies here at the School.

Guest speaker Lt. Col. Albert W. Braun, director, non-resident instruction department, USAMMCS, awarded certificates of recognition to SP4 James H. Wilderson, Milford, Del., having an 89.8 in the Sergeant missile guidance repair course; Pfc Michael W. Ford, Bethel, Conn., with a 93.7 in the missile system apprentice course; Pfc Paul D. Lokey of Beaver Falls, Pa., having a 92.8 in the combat missile system repair course; and Pvt. Alan L. Desautels, Barre, Vt., who had a 92.5 in the Pershing missile helper course.

Prior to the recognition, Col. Braun addressed the graduating class, emphasizing the importance of education as a means to success. He related that although opportunity—a chance to further one's education—is one factor; opportunity must be intermeshed with ambition. "And ambition," stated Braun, "is not just the wish to succeed but includes the necessary effort to accomplish success."

Braun concluded by reminding the graduates that today a good education is no longer a luxury. It is a necessity—the necessary key to success. And the avenues to this success are open for those who are willing to apply themselves.

Definition: A psychiatrist is someone who goes to a burlesque show to watch the audience.

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- \*1966 Fairlane Squire Wagon — 9 passenger, air, power, rack. \$1,595.
  - 1965 Ford Country Squire \$1,195.
  - 1967 Mustang—3 speed, 6 cylinder. \$1,495.
  - 1968 Mustang—Automatic, air and power, V-8, 1,300 miles. \$2,195.
  - 1966 Mustang 2 plus 2—Automatic, V-8. \$1,495.
  - 1968 Ford 1/2 ton Truck — V-8, long wide bed, 16,000 miles. \$1,995.
  - 1969 Ford Ranger—Local truck with only 6,000 miles. \$2,495.
  - 1967 Ford LTD—2 door hardtop, full power, factory air, vinyl top. Local one owner. Like new. \$2,195.
  - 1966 Ford Galaxie Convertible—V-8, automatic, power steering and brakes. Real sharp. \$1,295.
  - 1964 Falcon Futura Convertible—Real nice car. \$795.
  - 1964 Falcon—6 cylinder automatic, with air, local car. \$895.
  - 1969 Ford Galaxie XL 500 — 2-door hardtop, full power, factory air, vinyl top. \$2,895.
  - 1970 T-Bird—Local one owner, loaded. Only 5,000 miles. \$5,195.

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## E9 SELECTIONS SET IN SEPTEMBER

WASHINGTON, (ANF) — The next Department of the Army Centralized Enlisted Promotion Selection Board to consider individuals for promotion to pay grade E-9 is scheduled to convene Sept. 22, 1970. The board will be composed of a general officer as president, 10 field grade officers and six command sergeants major.

Primary zone of consideration for this board will include all soldiers serving on active duty in pay grade E-8 who have a date of rank of Dec. 31, 1967 or earlier and a basic active service date of Dec. 31, 1951 or earlier.

Secondary zone of consideration will include all personnel on active duty in pay grade E-8 who have a date of rank of Dec. 31, 1967 or earlier and a basic active service date of Jan. 1, 1952 through Dec. 31, 1956, inclusive.

Official communications concerning special recommendations for promotion, commendation or appreciation that are forwarded to Chief of Personnel Operations, ATTN: EPADS, Department of the Army, Washington, D.C. 20310, will receive consideration if received by Oct. 2, 1970.



**HARVEY HONORED**—Maj. Gen. Edwin I. Donley, Commanding General of the Army Missile Command, congratulates Arthur Harvey, Jr., who was recently named a Life Member of the Society of American Value Engineers. Mrs. Harvey attended the ceremony at Redstone Arsenal. It is the highest honor the Society confers on members and is awarded for contributions in value engineering. Harvey is employed by the Value Engineering Office in the Missile Command's Procurement and Production Directorate.

## BUICK'S

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# Sign Painters Find Their Work Is Seldom Dull

Colorful signs exhorting safety, savings, and fire prevention bloom under the patient hands of some quiet artisans in a plain, utilitarian shop of the Missile Command Post Engineer.

Leaning against the shop's walls of the corrugated steel warehouse-type building may be letters 10 feet high to go on the outside of a building, or a stack of signs of modest proportions made ready for an approaching event.

To the casual eye, the words on some signs may seem unique, but the sign painters see nothing unusual, it is just another job to them. Signs that say "egg throw" or "pie eating contest" may sound unmilitary, but are for events that are for the morale of the troops.

There is no lack of interest or ho-hum attitude when they set their brush to board or knife to film for a silk screen pattern. They approach their tasks with an innate pride in creating something as important as the work of Rembrandt.

Requests for signs come in with general ideas about what the organization needing the sign may want, and it is up to the sign painters to use their own imagination and ingenuity to produce the right effect.

"There have been no particular changes over the years in the kinds of signs our men are asked to do," A. Z. Whitaker, chief of the Division, said. "Our best cus-

tomers continue to be the Provost Marshal and the Safety Division." Sign painting isn't seasonal, the flow of requests runs about the same all through the year.

Among the routine chores are changing the signs out in front of family quarters. "We seem to have about 40 people going and 40 coming all of the time," Whitaker said.

The sign painters are Richard Hunter and Murray Whisenant. Their foreman is Roland Bertus.

Howard McNeely does the spray painting on large surfaces or for backgrounds, and Ollie Womack puts up and takes down signs around the Arsenal.

Hunter started to work at Redstone as a janitor in 1954. "I used to work around the sign shop and say to the foreman, 'I'd give \$1000 to have a job painting signs.' One day he came up to me and said, 'Would it be worth \$140 to you?' He had the application for a correspondence course in his hand. I signed up and spent 255 hours to finish the course plus some practicing I did on my own. Since 1962 I've been a sign painter."

Whisenant learned his craft through a trade school course. His

inventive mind has extended beyond the art of painting signs. He has done things to improve methods.

"We used to paint our signs on paper which got torn and useless, and we'd have to do the same signs over and over again. We switched to plywood with a treated surface. We can store these and bring them out year after year as appropriate, or we can paint new signs on the same material," Whisenant said.

The real trick he introduced to the sign display business was to make one sign so it could be turned to exhibit four slogans. He did this by dividing a board in half, painting different words on both sides of the two sections. Yet when any two sections were turned the same way, they would make a complete slogan, affording four versions on a single piece of plywood.

For part of their screen work, the sign painters have built their own photographic screen machine. "We saved enough on one job after we built it to pay for the material we used in it three times," they said.

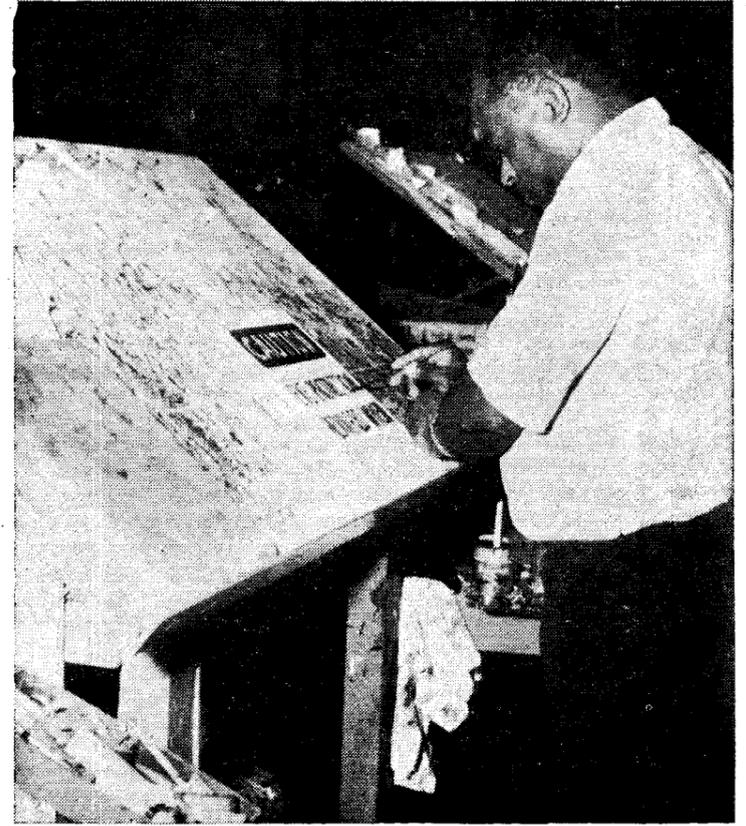
"We don't do fancy illustrating

in the sign shop, but we have enough combined talent to do things that go beyond simple lettering and drawing straight lines," Whisenant said.

All of the signs on the Missile Command part of the Arsenal are

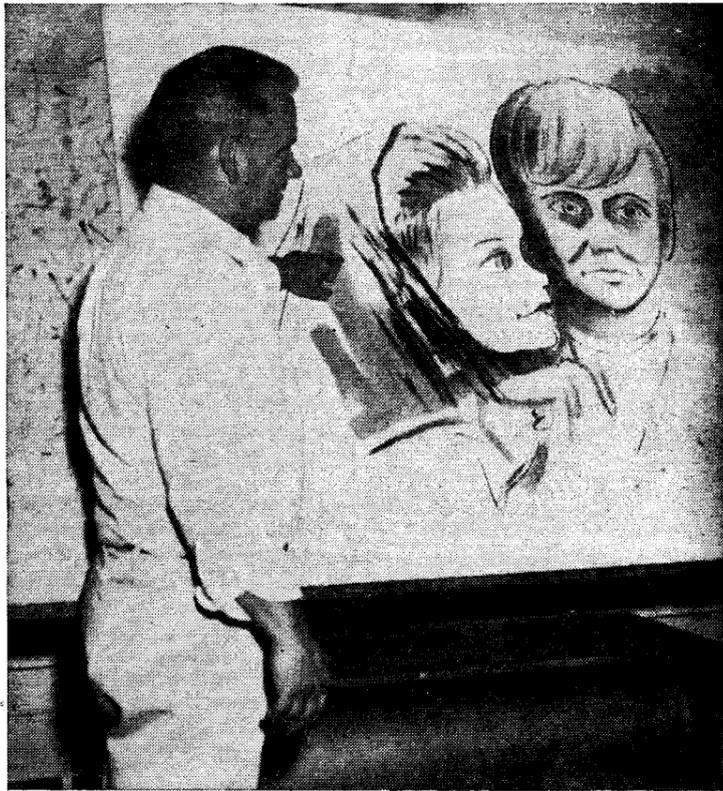
products of this sign shop. "We do whatever comes up and try to do a passable job," according to Whisenant.

Anyone looking around can see that they do considerably better than that.



**SIGNS**—Richard Hunter, sign painter of the Post Engineer, carefully letters one of many signs turned out by the shop.

(Additional Pictures on Next Page)



**ARTISTRY**—Roland Bertus, foreman at the Post Engineer sign shop, points to one of the signs which require some artistic talent.



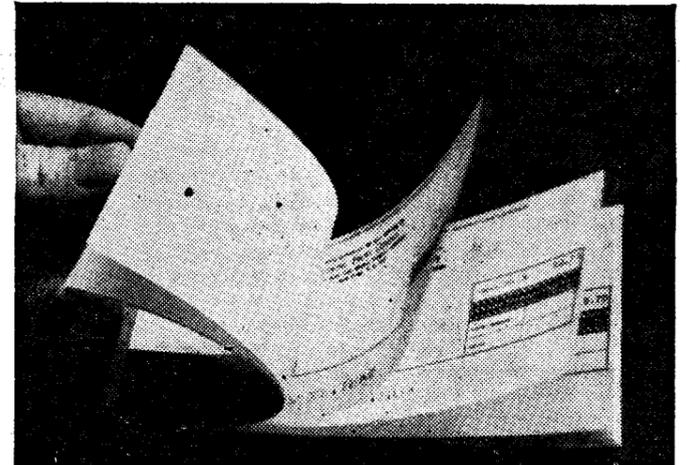
**SPRAYING BACKGROUND**—Large signs are spray painted before they are lettered and illustrated. Howard McNeely wields the spray gun. Falling water behind him eradicates the spray particles in the air.

## Sports Car Headquarters

- 1969 Alpine GT—One owner, low mileage. \$1,995.
- 1968 MGB—One owner, local. \$2,195.
- 1968 MG Midget—Sharp. \$1,695.
- 1968 Triumph GT 6—Local car. \$2,295.
- 1967 TR-4 A—Convertible top, radio, IRS. \$1,995.
- 1967 Datsun 1600 — Roadster, 27,000 actual miles. \$1,495.
- 1969 Triumph TR6—Like new, one owner. \$2,995.
- 1966 Triumph Spitfire — Extra good car. \$1,095.
- 1964 Triumph Spitfire — Good second car. \$595.
- 1967 Triumph Spitfire — Both tops, wire wheels, AM/FM. \$1,595.
- 1968 Corvette Convertible — One owner, still in warranty, 327/350, 4 speed. \$3,895.
- 1968 Corvette Convertible — One owner, 26,000 miles, both tops, 327/350, 4-speed. \$3,995.
- 1967 Corvette Coupe—Air, automatic, off road exhaust, 427/400 Wholesale Special. \$2,995.
- 1966 Corvette Coupe — Factory knock off Mags, new tires, 427/425, 4-speed. \$2,795.
- 1956 T-Bird, hardtop, new tires, good motor. \$1,495.
- 1967 Simca. \$695.
- 1968 VW — One owner, local, very low mileage. \$1,595.
- 1964 Mercedes—190 sedan, standard shift, AM/FM. \$995.
- 1969 Mustang Mach 1 — Air, power disc, power steering, 351 engine. \$2,995.
- 1969 Triumph Spitfire — Like new. Local Car.
- 1968 Auston Healy Sprite. \$1,695.
- 1966 Triumph TR-4 — Electric overdrive, Michelin X Tires, 28,000 miles. Extra clean.
- 1963 J-Model Austin Healy 3000 —New radials, many new spare parts, electric overdrive. Excellent condition. \$1,595.
- 1966 Mustang—289, automatic, power. Sharp. \$1,495.
- 1966 Mustang — 289 automatic, convertible. \$1,395.
- 1965 Corvair—Coupe. \$695.
- 1966 GTO—389, 4-speed. \$1,595.
- 1957 Chev. Bel Air — 2-door hardtop, "69" 327/300. \$1,095.

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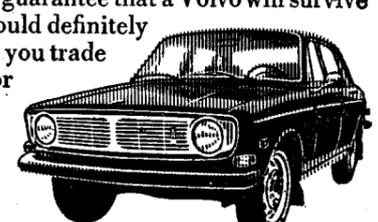
The result is, you're buried under car payments for as long as you drive an average car.

You can avoid this trap by coming into our showroom. And driving out with a Volvo.

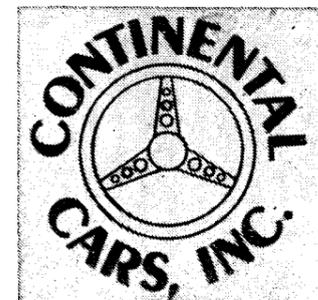
A Volvo is built to outlast two, three, maybe even four payment books.

9 out of every 10 Volvos registered here in the last eleven years are still on the road.

And while we don't guarantee that a Volvo will survive for eleven years, it should definitely last long enough to let you trade your payment book for a bankbook.



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Under New Management

# VASCAR Catches Speeders, Locks In Evidence

The honeymoon is over, automobile owners. VASCAR is watching you along with its superbly trained operators here at Redstone Arsenal.

VASCAR (Visual Average Speed Computer and Recorder) is a revolutionary electronic speed calculating device that enables police officers to clock autos whether they are coming or going, behind or ahead of the police vehicle, or even moving on a cross street.

"One of VASCAR's chief advantages," states Military Police Sgt. Ridley Crawford, "is that the device works whether the patrolling vehicle is parked or moving."

Sgt. Crawford explained that VASCAR operates on the principle

that speed equals distance divided by time. With VASCAR, policemen can measure the time it takes a speeder to cover a certain distance, and from these measurements the device automatically computes the average speed.

"But since the machine depends on the visual skills of an operator, isn't there a rather large error factor?" a bewildered motorist asked.

"Not so!" explained SFC A. C. Brackett. "To give you an extreme example, we can be 110 feet off over a measured quarter mile distance and still tell how fast you're going within 2 mph! Fast moving on-coming traffic is the most dif-

ficult to clock from a moving patrol car."

Not only is VASCAR much more maneuverable than radar, but the unit cost is considerably lower. (VASCAR) costs approximately \$850.00 per unit. A comparable radar unit will cost over \$1150.00.)

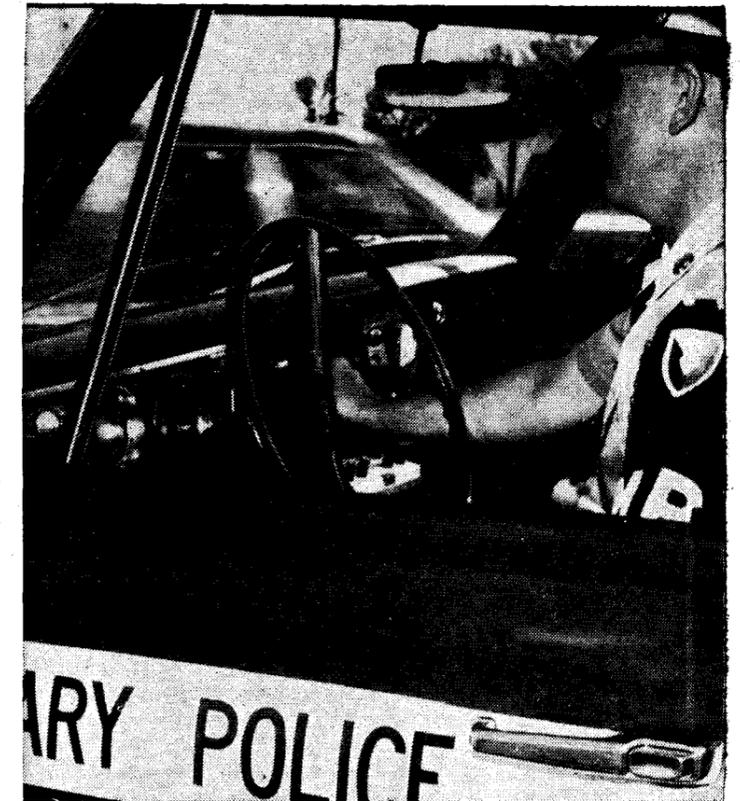
Both SFC Brackett and Sgt. Crawford have completed a comprehensive 30-day training period on VASCAR. At the end of this period, each trainee is given a field test covering 25 different speeds. The candidate is required to successfully measure these speeds with no more than a two-mile error on any single test, and no more than an average error of one-half mile per hour for all 25 tests. All exams, military or civilian, are graded by the Sign and Signal Corps at Blue Island, Ill.

VASCAR is utilized by military policemen throughout the Army.

In Layman's terms, here's how VASCAR works: An officer on patrol spots a possible violator. He chooses any convenient "marker" or the stretch of highway, such as trees, overpasses, driveways or shadows. He then flips the VASCAR "time" switch on as the target vehicle passes the first marker and flips the same switch off when the vehicle passes the second marker. Now "time" is locked into the machine.

The officer travels the same distance in his patrol car, flipping the "distance" switch on as he passes the same markers the speeding vehicle passed. Now he has distance locked into the machine also, and the device at this point instantly and automatically indicates the computed speed on a small, rectangular screen.

With the MP vehicle parked off the road, the distance between two points on the highway has previously been measured and locked into the machine. Clockings



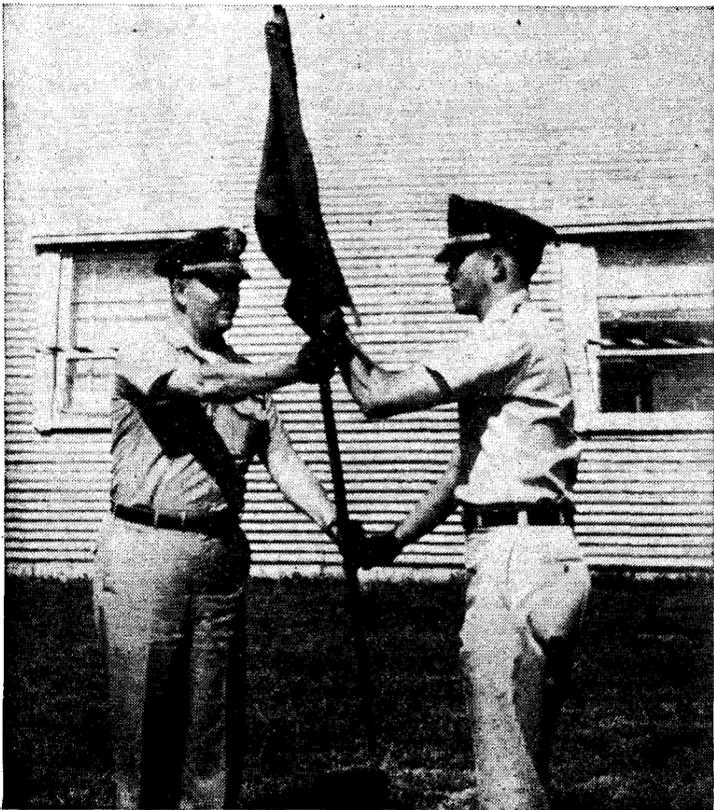
**SWITCHED ON VASCAR**—An Arsenal policeman flips the switch on the VASCAR unit as a motorist suspected of speeding goes by. The unit is an electronic speed calculating device that enables police officers to clock autos whether they are coming or going, behind or ahead of the police vehicle. VASCAR is accurate to 1/10 of a mile per hour in clocking speeders.

can then be computed by activating only the time switch to measure the time it takes the speeding car to cover the distance.

The electronic unit utilizes integrated circuits and a digital computer to provide accuracy to 1/10th of a mile per hour in clocking speeders. A digital read-out of the calculated speed is provided the officer instantly after the speed has been determined.

### SCHOLARSHIPS OPEN

The Redstone Non-Commissioned Officers Wives Club scholarship committee will accept applications July 1 for the \$500 scholarship to be given to a dependent of a non-commissioned officer who has been assigned at Redstone at least six months. The applications are to be brought to the NCO Open Mess between 3:30 and 6 p.m.



**COMMAND CHANGE AT UTC**—LTC Mathew R. Thome, commander of Unit Training Command, passes guidon of Hq. Co. to CPT James C. Davis at a change of command ceremony last week. CPT Davis assumed command of the unit from CPT David A. Coombe. Having commanded the unit since last October, CPT Coombe will be departing for assignment in Vietnam.



**BOY'S DOUBLES?**—Maj. Gen. Edwin Donley did a double take when he went to the Post Lanes to hand out trophies won by Redstone dependent youths for the accomplishments in the recent Alabama State Junior Bowling tournament. Debbie Heishman caused the momentary consternation when she stepped forward to accept the fourth place trophy with Kevin Donley in doubles for Senior Boys. The General's son also took a fourth in all-events and rolled with the championship team that included Paul Vander Heyden, Tom Clause, John Heishman and Bruce Debolt.

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**READY FOR THE CEREMONY**—William T. Weissinger (left), ROTC committee chairman for the Tennessee Valley Chapter, Association of the U. S. Army, presents a ceremonial saber to John Burks, Battalion commander of the ROTC unit at the Albertville High School. Seeing the job well done is Lt. Col. Nathan P. Thompson, Senior ROTC instructor at the school. Present but not shown was Walter F. Eigenbrod, chapter president.

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- 1963 Olds 98—4 dr. \$695.
- 1967 Olds Delta 88—4 dr., air and power. .... \$1,995.
- 1969 Olds Vista Cruiser—9 pass. wagon, full power, air, rack. .... \$3,695.
- 1968 Buick Sport Wagon—full power, air, rack on top, local wagon. .... \$2995.
- 1969 Olds 98 Luxury Sedan—4 dr., fully loaded, blue, white, vinyl top. .... \$3,995.

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**AUSA AWARDS SABERS, BELT**

The Tennessee Valley Chapter, Association of the U.S. Army, is winding up today (Friday) its current school year Saber and Sam Brown belt presentations to Army Reserve Officer Training units at Huntsville and Albertville high schools.

Walter F. Eigenbrod, chapter president, and William T. Weissinger, ROTC committee chairman, made presentations this morning at Lee High School. Earlier they presented the ceremonial equipment to Albertville and Sparkman high schools.

The sabers and belts are traditionally used during ceremonial reviews. Eigenbrod said high school units did not have funds to purchase them and that the local AUSA Chapter was providing them as a part of its assistance to the U.S. Army.

"We hope to make similar presentations to other schools in the fall," he said.



S. L. CHAMPION

**THIOKOL NAMES NEW PRODUCTION PLANT MANAGER**

John H. Goodloe, Vice President and General Manager, Thiokol Chemical Corporation-Huntsville Division, has announced the appointment of S. L. Champion as Manager of the Huntsville Division's newly formed Production Plant.

Thiokol's Production Plant will operate as a part of Thiokol's Huntsville Division in facilities already occupied by the Huntsville Division to fulfill requirements such as the recently received Side-wider/Chapparral production contract.

A graduate of Auburn University with a B.S. in Chemical Engi-

**Training Is Continual For Officers Teaching**

Education is rated with a high degree of importance—literally as well as figuratively—at the Officer Training Department of the Missile and Munitions Center and School.

The department has 31 percent of its instructors either holding or working on advanced degrees.

This outstanding percentage isn't a matter of "pure happenstance." In the words of the acting deputy director, Donald C. Maliskey, it is a "must." The department deals with subjects ranging from training in nuclear weaponry to TV applications; and since the level of education of the students ranges from two to six years college, the instructors must be as highly trained as possible.

"We want every instructor to have a college education," continued Maliskey. "We have to. Today a second lieutenant with a bachelor of science degree might be in a class, tomorrow the lieutenant's seat might be occupied by a lieutenant general holding a Ph.D."

Presently there are 16 instructors and administrators who hold undergraduate degrees, 14 who hold graduate degrees with two of

them working towards a doctorate degree. Further advancement is encouraged by the department chief.

According to Maliskey, "we hate to see a good man leave but if he has a chance to pursue a degree full-time, our department will do all it can to make the arrangements."

Age is no deterrent, either. "Some of our men," Maliskey continued, "are in their 50's and working on degrees. We think this is outstanding. After all, the learning process should never end."

At Officer Training Department, it is felt that education provides the keys to the future—keys that unlock that first door—the gateway to success. Whether the individual is pursuing the degree to enhance his teaching ability or to round out his personal character, it really doesn't matter. The educated man is an asset wherever he is—teaching at OTD or employed at a civilian firm.

June 3—Dateline 1784—Army's "The Old Guard," the 3d Infantry Regiment, was formed. Garrisoned at Ft. Myer, Va., it is the oldest regiment in the active Army.

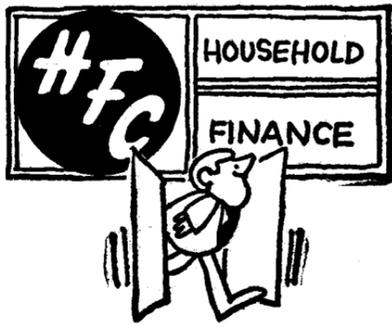
Sailor: "Doctor, since I'm going to marry Sally, there's one thing I want to get off my chest."

Doctor: "You just tell me all about it, son."

Sailor: "It's a tattooed heart with 'Julia' on it."



**NEWLY INSTALLED OFFICERS** of the Redstone Arsenal Junior Officer Council (JOC) discuss plans of the council at its installation meeting at the Officers Club. From left to right the members are 2nd Lt. Robert A. Sudderth, recorder; 1st Lt. John P. Taliaferro, chairman and Capt. Michael A. Boyd, vice chairman. The purpose of the council is to provide a better communications link between the junior officer and the commander. The council acts on such matters as housing, recreation and other matters of morale and welfare.



**When you need money for any reason within reason, see HFC**

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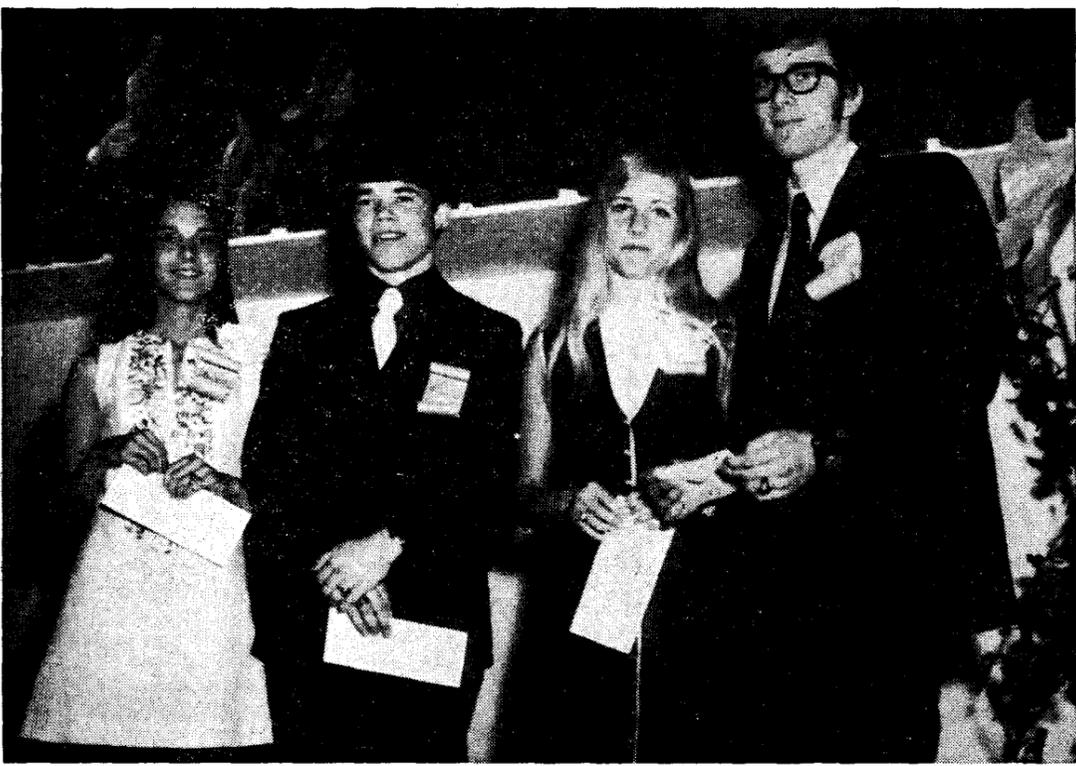
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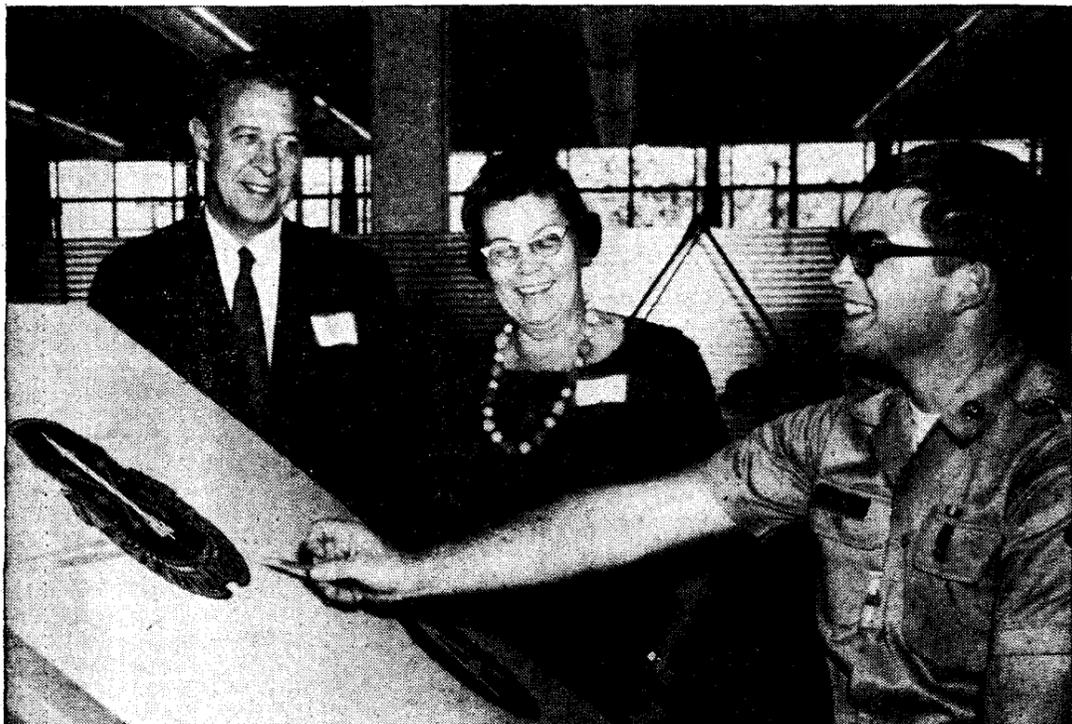
See your post Airline Ticket Office or call 539-7701



**MERIT WINNERS**—Part of the funds raised by the Redstone Arsenal Officers Wives Club at their annual "Night on Bourbon Street" benefit are displayed by young scholars from Butler High School in Huntsville, Ala., all dependents of officers stationed here. The awards of \$250 each were made for scholarship and citizenship and the winners are (l to r) Barbara Burnell who will attend the University of California, Santa Barbara; Steve Abernathy, going to Vanderbilt University; Patricia Young, accepted at Indiana University; and Michael Dooley, who chose Miami University, Ohio.



**LEARN BEFORE TRIP**—Members of Redstone Recreation Association's Japan and Expo 70 Tour received a preview of what is in store for them when they were guests of Mr. and Mrs. Michael Yeskawich at an Oriental Dinner recently. Sumie Yeskawich (center) is shown here instructing Marianne Luna and Bernice Land in the proper use of chopsticks while LT Akio Hinata looks on. Information about the Japan Trip can be had by calling 539-2592 during the day, and 852-6103 after 5 p.m.



**EDUCATORS VISIT MMCS**—Thirty two civilian educators from the Huntsville area met at the Missile and Munitions Center and School to exchange ideas on teaching methods with their military counterparts. As part of the visit the educators were briefed on the use of training aids in the MMCS teaching process. Here Spec. 4 John Menzie, Co. A, demonstrates his artistic talent to Dr. Benjamin Graves, president, University of Alabama Huntsville and Miss Frances Nungester, director, Elementary Education, Decatur City School System. Representatives from Alabama A&M University, Oakwood College, Athens College, J. C. Calhoun State Technical College, Snead State Junior College, and officials from Madison County and Huntsville school systems also attended the one-day conference. In addition to a discussion on teaching methods, the visitors were briefed on the mission, organization and history of the missile school.

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**Costs:** Y.M.C.A. Members 1 week \$42.50 Non-Members 1 week \$47.50  
2 weeks \$80.00, 3 weeks \$115.00 2 weeks \$90.00; 3 weeks \$130.00

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**FOR BOYS & GIRLS—9 SESSIONS**  
5 YEARS THRU 11 YEARS  
**BOYS:** June 8-12, June 15-19  
June 22-26, July 6-10, July 13-17  
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**CO-ED:** Aug. 3-7

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**NAMES IN THE NEWS**  
 By SFC Ben Casey

**MEMORIAL DAY 1970**

May 30 the nation will pause to pay tribute to the thousands of servicemen and women who have given their lives for the cause of freedom. Memorial Day has been observed since 1868. On that date General John A. Logan directed the Grand Army of the Republic to decorate the graves of veterans of the Civil War. It was then called "Decoration Day." Today the ceremonies are held on military installations throughout the nation and overseas. The ceremony includes prayer, the sounding of taps and the flag being raised to full staff. This year, President Nixon had directed that Old Glory be flown at half staff throughout the day in a special memorial to those who have died in Vietnam.

**2ND BATTALION CEREMONY**

The 1st Bn. Quadrangle echoed with the sound of marching troops, the reading of citations and the order for unit commanders to take charge of their units as the battalion conducted its monthly awards ceremony. At the ceremony Co. B took all the marbles as the unit received the Reenlistment Trophy and was named Honor Company while two men for the unit received awards. SSG Kenneth Lue topped the list by receiving the Bronze Star Medal for meritorious service in connection with military ground operations against hostile forces in Vietnam from Apr. 69 to Dec. 69. Also from Co. B, SP4 Jack W. Houser received a Letter of Commendation from the Bn. Commander citing him for his knowledge of basic military subjects, exceptional military bearing and appearance and alertness in the performance of military du-



**SSG LUE**  
 Bronze Star

ties. Houser was the Battalion Soldier of the Month for May.

Two Oak Leaf Clusters to the Army Commendation Medal (ARCOM) were the next awards. SFC Charles M. Desroiser, Co. A, received the cluster for meritorious service in Vietnam while SP5 Roy R. Baumann, Co. D, received the same award for meritorious service while assigned as an Admin. Spec. at 2nd Bn., USAMMCS. Also receiving the ARCOM was SP5 Floyd Hooks, Co. C, for meritorious service in connection with military ground operations against hostile forces in Vietnam from July 69 to March 70.

Co. D. achieved the largest contribution toward the blood drive during the month of April and received the battalion Blood Donor Trophy. The unit had 40 participants. CPT Dennis Rorety is the unit commander and 1SG James D. Hancock is the top enlisted man. CPT Wayne Blackburn accepted the Honor Company Reenlistment Trophy on behalf of Co. B. The unit led brigade units in reenlistment during the first quarter, CY 70. The guidon of Co. B was decorated with the Honor Company

**New Arrivals**

SP4 and Mrs. Ray D. Oakes, boy, William David, May 9.  
 SP6 and Mrs. Jose T. Castro, Sr.,

streamer at the ceremonies.

**VOLLEYBALL MATCH**

Volleyball matches around the school have become very serious. at least with some teams. In a report just handed in, the officers of the 2nd Bn., have laid claim to the "best in the brigade." For the past few weeks, the team has won three straight contests that has included the brigade headquarters staff. The officers of the "Fighting First" was added to the list last week. According to the report the team overwhelmed 1st Bn. despite the frantic but fruitless efforts of "professional" baseball pitcher CPT William S. Chairsell, Jr. and CPT Wayne Blackburn. The officers of the battalion are accepting any and all challengers. Oh yes! The score of the 1st Bn. contest—21-6, 21-8 and 21-14. Any takers?

boy, Jose Techaria Castro, Jr.; and CPT and Mrs. Andrew J. Fitzpatrick, girl, Jennifer Ann, May 10.  
 PFC and Mrs. Jeffery W. Coats, Sr., boy, Jeffery Wade Coats, Jr., May 11.  
 SFC and Mrs. John D. Carver, girl, Candace Marie; and SP5 and Mrs. James D. Webb, girl, Martha Gail, May 12.

SSG and Mrs. Cary J. Carrillo, (twins) girl, Raquel Antonia and boy, Jared Temujin, May 15.

PVT and Mrs. Melvin B. Burress, Sr., boy, Melvin Bernard Burress, Jr.; and SGT and Mrs. Rainer K. Kampfer, boy, Andrew Bobby, May 16.

SP4 and Mrs. Oscar L. Henderson, boy, Douglas Brent, May 17.  
 SP6 and Mrs. Larry L. Jackson, girl, Kim Marie, May 18.

MAJ and Mrs. Ernest W. Cade, girl, Laura Denise; and SP5 and Mrs. James O. McCrary, Jr., boy, James Orr McCrary III; and SSG and Mrs. Rolf Pueschel, girl, Diana, May 19.

**Drive Safely!**

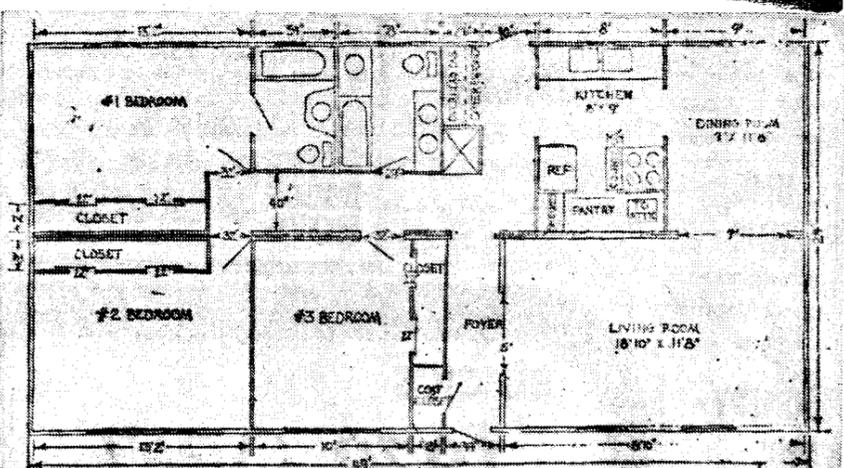
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Fantastic buy! Square leg model with belt, buckle. Solids, patterns in group. Nylon-acetate blend. S (8-10), M (12-14), L (16-18). Assorted colors. . . . Only

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1965 MUSTANG, one owner, 40,000 miles, air condition, power steering, excellent condition, \$1,250. 852-2063. tnc

1964 CHEVROLET perfect for second car \$650. Phone 852-2063. tnc

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GUNTERSVILLE Waterfront 100 x 300' level wooded lot on shallow water, South End Browns Creek. Private water line. Trailer permitted, \$2,000. Dorman, Guntersville, 582-3654 after 6. 5-27-c

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THE PRINTED WORD—The journalism class of Huntsville Junior High listen to W. R. Phillips, right, tell about the printing processes at Redstone Arsenal. Phillips is Acting Chief, Reproduction Division, Army Missile Command. The visit was designed to enlarge the students' knowledge in the field of journalism.



RECEIVE DIPLOMAS — Frank Buckley, General Counsel at the Army Missile Command, presents diplomas to two legal analysts on his staff from the Defense Logistics Management School. The analysts are (left) Doris Kirkpatrick and Brenda Bevel who completed 132 hours of extension work on a Defense Procurement Management Course. Doris lives in Huntsville and Brenda in New Hope.

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**PHONE 881-5510**  
**HOUSE OF TYPEWRITERS**  
12879—So. Memorial Parkway  
(Across From Farley Junior High)  
**TYPEWRITERS**



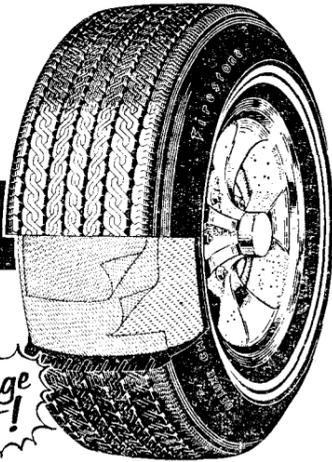
# Firestone SUPERMARKET TIRE BARGAINS

Pick your tire - Pick your price

## Firestone

Deluxe Champion® Sup-R-Belt

### GLASS-BELTED



**FACTORY BLEMISH TIRES** **30% OFF**

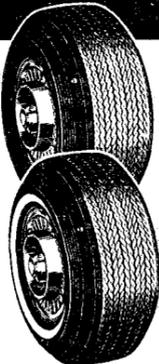
Similar tires if perfect *Charge It!*

Slight appearance blemishes do not affect tire wear or performance in any way.

**DISCONTINUED DESIGNS WHILE STOCKS LAST!**

Firestone SAFETY CHAMPION® Full 4-ply nylon cord tire		Firestone DELUXE CHAMPION® Original Equipment tire on many new cars '67-'69		Firestone "500"® 4-ply nylon cord high performance tire	
6.50-13 Reg. exch. 2 for \$44.50 D.D. discount \$11.50	7.00-13 Reg. exch. 2 for \$45.50 D.D. discount \$11.50	7.00-13 or 6.95-14 Reg. exch. 2 for \$57 D.D. discount \$18	7.35-14 or 7.35-15 Reg. exch. 2 for \$59 D.D. discount \$17	6.50-13 Reg. exch. 2 for \$59 D.D. discount \$15	7.35-14 or 7.35-15 Reg. exch. 2 for \$65 D.D. discount \$17
<b>2 FOR \$33</b>	<b>2 FOR \$34</b>	<b>2 FOR \$39</b>	<b>2 FOR \$42</b>	<b>2 FOR \$44</b>	<b>2 FOR \$48</b>
Whitewalls 2 for \$38 Plus \$1.78 per tire Fed. Ex. tax and 2 tires off your car.	Whitewalls 2 for \$39 Plus \$1.96 per tire Fed. Ex. tax and 2 tires off your car.	Whitewalls 2 for \$45 Plus \$1.90 or \$1.81 per tire Fed. Ex. tax and 2 tires off your car.	Whitewalls 2 for \$48 Plus \$1.84 or \$1.89 per tire Fed. Ex. tax and 2 tires off your car.	Whitewalls 2 for \$50 Plus \$1.78 per tire Fed. Ex. tax and 2 tires off your car.	Whitewalls 2 for \$55 Plus \$2.04 or \$2.08 per tire Fed. Ex. tax and 2 tires off your car.
7.35-14 or 7.35-15 Reg. exch. 2 for \$49 D.D. discount \$13	7.75-14 or 7.75-15 Reg. exch. 2 for \$50.50 D.D. discount \$13.50	7.75-14 or 7.75-15 Reg. exch. 2 for \$52.50 D.D. discount \$17.50	8.25-14 or 8.25-15 Reg. exch. 2 for \$68.50 D.D. discount \$19.50	7.75-14 or 7.75-15 Reg. exch. 2 for \$69 D.D. discount \$18	8.25-14 or 8.25-15 Reg. exch. 2 for \$75.50 D.D. discount \$19.50
<b>2 FOR \$36</b>	<b>2 FOR \$37</b>	<b>2 FOR \$45</b>	<b>2 FOR \$49</b>	<b>2 FOR \$51</b>	<b>2 FOR \$56</b>
Whitewalls 2 for \$41 Plus \$2.04 or \$2.08 per tire Fed. Ex. tax and 2 tires off your car.	Whitewalls 2 for \$42 Plus \$2.17 or \$2.19 per tire Fed. Ex. tax and 2 tires off your car.	Whitewalls 2 for \$51 Plus \$1.97 or \$2.04 per tire Fed. Ex. tax and 2 tires off your car.	Whitewalls 2 for \$56 Plus \$2.17 or \$2.23 per tire Fed. Ex. tax and 2 tires off your car.	Whitewalls 2 for \$58 Plus \$2.17 or \$2.19 per tire Fed. Ex. tax and 2 tires off your car.	Whitewalls 2 for \$64 Plus \$2.33 or \$2.36 per tire Fed. Ex. tax and 2 tires off your car.
8.25-14 or 8.15-15 Reg. exch. 2 for \$57.50 D.D. discount \$14.50	8.55-14 or 8.45-15 Reg. exch. 2 for \$63 D.D. discount \$16	8.55-14 Reg. exch. 2 for \$75 D.D. discount \$21	8.85-14 or 8.85-15 Reg. exch. 2 for \$84 D.D. discount \$21	8.55-14 or 8.55-15 Reg. exch. 2 for \$83 D.D. discount \$21	8.85-14 or 8.85-15 Reg. exch. 2 for \$92.50 D.D. discount \$23.50
<b>2 FOR \$43</b>	<b>2 FOR \$47</b>	<b>2 FOR \$54</b>	<b>2 FOR \$63</b>	<b>2 FOR \$62</b>	<b>2 FOR \$69</b>
Whitewalls 2 for \$48 Plus \$2.33 or \$2.35 per tire Fed. Ex. tax and 2 tires off your car.	Whitewalls 2 for \$52 Plus \$2.53 per tire Fed. Ex. tax and 2 tires off your car.	Whitewalls 2 for \$62 Plus \$2.45 per tire Fed. Ex. tax and 2 tires off your car.	Whitewalls 2 for \$71 Plus \$2.61 or \$2.62 per tire Fed. Ex. tax and 2 tires off your car.	Whitewalls 2 for \$70 Plus \$2.53 or \$2.57 per tire Fed. Ex. tax and 2 tires off your car.	Whitewalls 2 for \$78 Plus \$2.84 or \$2.76 per tire Fed. Ex. tax and 2 tires off your car.

### SHOPPERS' MILEAGE VALUE: RETREADS



**Firestone DLC-100® NEW TREADS**  
RETREADS ON SOUND TIRE BODIES OR ON YOUR OWN TIRES  
WHITEWALLS or BLACKWALLS

Any size listed **2 FOR \$26.26**

Larger sizes \$2 more per tire

Plus 37¢ to 55¢ per tire Fed. ex. tax, sales tax and recappable tire of same size off your car.

*Charge It!*

### HEAVY DUTY TIRES FOR LIGHT TRUCKS SALE!

• Campers • Vans • Pickups

**Firestone HEAVY DUTY TRANSPORT™ TIRE**

SAVE UP TO \$27.00 PER SET! **4 for \$88.70**

6-ply nylon cord body tire for all wheel positions

CHECK YOUR SIZE AND SAVINGS	SIZE	REG. PRICE*	SALE PRICE*	F.E.T. Per Tire
	6.70-15	4 for \$118.80	4 for \$106.90	\$2.40
	6.50-16	4 for \$129.60	4 for \$116.60	2.61
	7.00-15	4 for \$155.60	4 for \$139.95	2.85

\*All prices plus F.E.T. per tire and 4 tires exchange.



Priced as shown at Firestone Stores. Competitively priced at Firestone Dealers and at all service stations displaying the Firestone sign.

### Brake & Front-End Car Service OFFER!



We do all this:

1. Align front end
2. Balance front wheels
3. Adjust brakes (drum-type)
4. Repack outer front wheel bearings

for only **\$995**

Parts extra if needed

Extra charge for cars with air conditioning or torsion bars.

### Lawn & Plant Food



20-10-5

5,000 square ft. coverage  
... feeds grass for months.

Limit 2 bags per customer ... additional bags \$2.99

**\$199** Per Bag

### Firestone Transport®

Heavy-duty 6-Ply nylon cord tires for PICKUPS, VANS & CAMPERS at low everyday prices



**\$23.40** 6.70-15 Black tube-type

6.50-16 Black tube-type \$25.60  
7.00-15 Black tube-type \$30.85

All prices plus \$2.40 to \$2.85 Fed. excise tax and tire off your vehicle.

### Front End ALIGNMENT

Performed by skilled mechanics using precision equipment.



**\$6.99**

Most American Cars Parts extra if needed

Cars with torsion bars or air conditioning slightly higher.

### Brake Adjustment

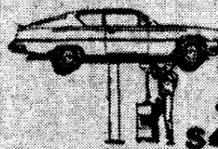
(Drum-type) Performed by skilled brake mechanics



**99¢** with this coupon

### COUPON

Lube & Oil Change



Includes 5 quarts of premium oil and expert car lubrication.

**\$3.88**

# FIRESTONE STORES

1301 North Memorial Parkway

Phone 539-7441

(Across from King's Inn)