

Arsenal-Wide

Spot News

Dial 112

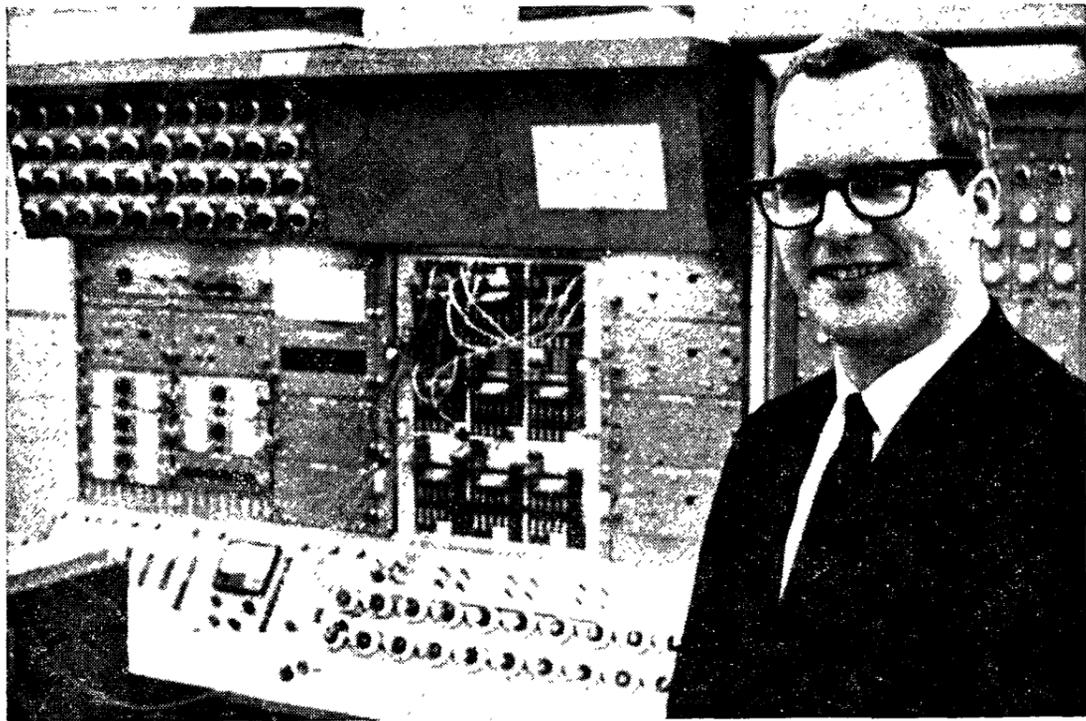
The Redstone Rocket

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VOL. XV; NO. 31

REDSTONE ARSENAL, HUNTSVILLE, ALABAMA

DECEMBER 14, 1966



JOHN P. LEONARD

Leonard Named Deputy Of Army Inertial Guidance And Control Laboratory

John P. Leonard has been named Deputy Director of the Missile Command's Army Inertial Guidance and Control Laboratory. He fills the post formerly held by W. V. Gudaitis who has taken over the same position in the Electromagnetic Laboratory. Both labs are in the Research and Development Directorate.

A native of New York City, Leonard has been at Redstone Arsenal working in guidance areas since 1956. He first came as an employee of Ford Instrument Company working on the Jupiter

guidance and control system. He remained at Redstone with Ford until 1960, working on the Redstone, Jupiter C, Juno II and Pershing programs.

In July, 1960, Leonard came to work for the Army as Chief Dynamic Analysis Section, Guidance Control and Aeroballistics Laboratory. In 1962 he became Chief of the Systems Analysis Branch of the Army Inertial Guidance and Control Laboratory. He has been author and co-author of a number of publications dealing with missile guidance and control.

The 32 year old engineer holds a BS degree in Electrical engineering from Manhattan College, N. Y., and has done post graduate work at the University of Alabama in Huntsville.

He is married to the former Nina Fontana of Slidell, La. They have one daughter, Kathleen, and a son, Kevin.

General Tells AOA Modern Science Helping In Vietnam

While American science and technology has provided its Armed Forces with some of the most advanced weapons and equipment in the world it is still working on the problem of how to locate a platoon of Viet Cong in dense jungles, according to the

Army's Chief of Research and Development.

Lt. Gen. A. W. Betts, who heads all Army R&D projects, during a talk Wednesday night at Redstone Arsenal cited this and several other problems that confront the American fighting man in Vietnam.

Speaking to the Annual Dinner Meeting of the Tennessee Valley Post of the American Ordnance Association, General Betts told how modern science is being enlisted to solve some Vietnam problems.

He compared the guerilla tactics of the Viet Cong to "Indian warfare," saying the Cong, like the Indians, are "masters of the ambush, the swift, unexpected raid and the ability to live in a wild environment."

"The technique of the ambush is certainly as old as warfare itself, but we still need devices and techniques to warn us of imminent danger," he said.

Other problems the General said military, industry and academic research had been directed toward solving include detection of explosives concealed by terrorist and clearing of tunnels which may stretch for miles and contain water supplies, ventilation and have multiple entrances.

Touching on communication problems, Gen. Betts said "it is one thing to talk via satellite over thousands of miles, and still quite another to try to push radio (See GEN. BETTS on Page 3)

'Fair' Day Here Again

About 225 individual procurement packages valued at approximately \$500,000 will be available at the Army Missile Command's December Procurement Fair today.

Procurement and Production Directorate officials will have the doors open for registration at 8:30 a.m., in Building 4483.

This will be the only Procurement Fair to be conducted this month. There will also be only one Fair in January.

The Procurement Fairs are conducted by the Missile Command as an advantage to industries interested in seeking business from the Army. Business methods have been streamlined to eliminate much of the paper work previously involved, and to speed up payment when contractors deliver the goods. The Fairs also permit the Army and its contractors to get together and quickly resolve any questions which may arise.

Two Employees Receive Annual Executive Awards

A division chief and an engineering technician were honored early this week by being named for the Army Missile Support Command's annual executive awards. Sherman Clay, chief of the Maintenance Support Division, was selected for the Senior Executive Award, and Thomas Summers, who is employed as an industrial Engineering technician for the Post Engineer, became the recipient of the Junior Executive Award.

Col. J. N. Jean, Director of the Arsenal Support Operations Directorate, presented plaques to Clay and Summers and honorable mention certificates to two DASO workers in each of the junior and

senior categories.

Oscar Russell, the assistant Post Engineer, and John Tyson, chief of the Reproduction Division, were named runner ups for the Senior award. Those cited with Summers for the junior award were Charles Brown, of the Metrology Center, and Charles McMurray, of the Post Engineer.

With the Support Command having been made a directorate of the Missile Command, the annual award presentation goes out of existence. In the future employees of the Arsenal Support Operations Directorate will compete with MICOM employees for the Command award made in the spring of (See EXECUTIVE on Page 3)

BG B. R. Luczak To Speak At Graduation Ceremonies

Bullets will costar with missiles here Friday as the U. S. Army Missile & Munitions Center & School awards diplomas to the largest graduating class in its 14-year history.

An address by one of the nation's leading authorities on both missiles and ammunition, Brig. Gen. Bernard R. Luczak, will highlight the graduation at the Marshall Space Flight Center Auditorium.

Gen. Luczak, Commanding General, Ammunition Supply and Procurement Agency, Joliet, Ill., will address 270 graduates from seven nations.

The ceremonies, usually held at the Post Theatre, have been moved to the NASA auditorium to accommodate graduates, their relatives and friends.

The group is the largest to graduate on a single day since 1962 when 238 students received diplomas to conclude a 4,000-man emergency training program for the U. S. Air Force on the Jupiter intermediate ballistic missile system which was deployed to Italy and Turkey.

Gen. Luczak served with the Missile Command at Redstone Arsenal from 1962 until last summer. (See GEN LUCZAK on Page 3)



GEN. BETTS TOURS LAB—The Chief of Research and Development for the Department of the Army, Lt. Gen. Austin W. Betts tours facilities of the Army Inertial Guidance and Control Laboratory of the Missile Command's Research and Development Directorate this week during a visit to Redstone Arsenal. Here, John Gregory explains to General Betts the operation of a Flight Simulator. While in Huntsville, Gen. Betts addressed the annual meeting of the Tennessee Valley Post of the American Ordnance Association.

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 876-1500.

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Rocket Ruminations

Though I am young I scorn to flit,
Upon the wings of borrowed wit. —George Wither

Scouts Brave Weather, Hold 1966 Round-up

Neither cold nor rain stood in the way of a successful Boy Scout "Rugged Road to Adventure Roundup" at Redstone Arsenal the past Saturday. About 2,000 Boy Scouts, Cubs and their adult leaders braved the elements to take part in the annual event at the Army Missile Display Area.

A low ceiling forced the cancellation of a portion of the program featuring the Army's parachute demonstration team, The Golden Knights. Other demonstrations by soldiers and scout dogs

from the 26th Infantry Platoon, Ft. Benning, Ga., and a contingent from the 101st Airborne School at Ft Campbell, Ky., went off on schedule, however.

The Scouts and Scouters were welcomed to Redstone Arsenal by Brig. Gen. Clarence C. Harvey, Jr., Deputy Commanding General for Air Defense Systems of the Army Missile Command. Col. J. N. Jean, Director of Arsenal Support Operations Directorate, was host for the gathering and presided over the presentation of awards

Union Plans To Sponsor Health Benefit Insurance

The American Federation of Government Employees is planning to sponsor a health benefit insurance program for temporary federal employees according to Dennis Garrison, AFGE 5th Region vice president.

Garrison said the plan would cover temporary employees and their families who are not eligible for participation in the Federal Health Benefits Program.

The plan under consideration by AFGE headquarters would offer the coverage, underwritten by a national firm, at a monthly premium of \$5.16 for individuals or \$16.04 for the individual and members of his family. Collection of premiums and claim service would be handled directly by the insurance company and not AFGE.

Federal employees who are eligible or who were eligible to

participate in a Federal Health Benefit Program under the Federal Employees Health Benefits Act of 1959 would not be eligible for enrollment in the AFGE-sponsored plan.

Temporary employees would be required to join the union to qualify for the program, Garrison said. Persons interested may contact the local office of Lodge 1858, AFGE, at 877-4440 or 876-5755.

based on enrollment of new members and accomplishment of other goals.

One boy from each of the eight Scout districts in the Tennessee Valley Council was given a camping tent as a reward for recruiting the greatest number of new Scouts in his district.

Winners and their districts were: Paul Morris, Jackson; Don Pitcher, Creek; Michael Irvin, Arrowhead; Durwin Brock, Cullman; Sam Taylor, Muscle Shoals; Jack Gioiello, Lauderdale; Richard Searce III, Chickasaw; John Collier, Limestone.

Col. Jean also presented the eight District Round-up chairmen with certificates for their efforts. They were: Douglas Hodges, Jackson; Robert D. Johnson, Chickasaw; John McCombs, Creek; Dr. Charles Lambert, Limestone; Sam Carter, Muscle Shoals; Bill King, Lauderdale; Warren Thrailkill, Cullman; and W. P. Rhodes, Arrowhead.

In addition, 31 individual units that achieved their assigned Round-up goals received streamers from Col. Jean. Certificates of Recognition for Round-up participation were presented by Scout Executives to adult leaders from throughout the Council.

John Hackney, from Memphis Regional Executive of the Boy Scouts of America, was guest speaker for the program.

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NOTICE TO MEMBERS REDSTONE BENEFIT ASSOCIATION

A meeting will be held at 4:45 p.m., Jan 5, 1967, in Room A-115, Bldg. 5250, to consider revising the RBA Constitution. The revision will permit RBA to offer travel-accident insurance, in addition to group life insurance. Members interested in the proposed revision are invited to attend.

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ONE MILLION PAIR—Leona Parish presents the one millionth pair of jungle boots destined for Vietnam to Brig. Gen. J. M. Kenderdine, Commanding General of the Defense Personnel Support Center at Philadelphia, Penna. The General came to Huntsville for the ceremony at the Safety First Shoe Factory, a subsidiary of Genesco. The plant has produced 50 per cent of the boots delivered to Defense Supply Agency customers since the need for such a boot was realized in Vietnam.

Huntsville Plant Produces Millionth Pair Jungle Boots

Brig. Gen. J. M. Kenderdine, Commanding General of the Defense Personnel Support Center at Philadelphia, Penna., was in Huntsville Tuesday to accept the one millionth pair of jungle boots to be manufactured by the Safety First Shoe Factory, a subsidiary of Genesco. Leona Parish, who has worked at the Huntsville plant for 17 years, presented the boots to the General.

Gen. Kenderdine accepted the boots on behalf of Lt. Gen. W. C. Westmoreland, Commanding the U. S. Forces in Vietnam.

In his acceptance speech the General noted that among six contractors who have produced two million pairs of these boots, the Huntsville factory has produced 50 per cent, has been active in the research and development and is now undergoing conversion to make them safe as well as comfortable by inserting a stainless steel plate in the soles. The company was originally the sole supplier of jungle boots.

Genesco president, Ben Willingham, introduced Gen. Kenderdine. Mayor Glenn P. Hearn was among the guests at the ceremony

as were two representatives from Gen. Kenderdine's command, Col. Robert A. Pearson, Director of Procurement and Production, and Mike Baldino, contracting officer.

Lt. Col. T. Huckabay, chief of the Defense Contracting Administration Agency Office in Huntsville was also among the guests as was Cmdr R. Peterson from the Birmingham Office.

Gen. Kenderdine also assured the assembled employees of the Safety First Shoe plant that he would personally put the boots aboard a plane to be shipped to Gen. Westmoreland. He said he would also tell him of the production record which was often ahead of schedule.

VIET VET SPEAKS

CWO Billy M. Pounders spoke to the Northrup Management Club at Michael's Restaurant Monday evening.

Now a member of the faculty at the Army Missile and Munitions Center and School, Pounders showed slides and films he made in Viet Nam where he served as an adviser to the Vietnamese Signal Corps.

GEN. LUCZAK

(Continued From Page 1)

During his stay here, he managed the Nike Hercules, the Mauler and the SAM-D projects.

A 30-year-service veteran, Gen. Luczak was commissioned a second lieutenant in the Army Reserves in 1939. He is a graduate of the University of Pittsburgh and received a Masters Degree in Business Administration from Stanford University.

During World War II he directed the firing training programs of more than 100 heavy gun battalions and 30,000 officers and men. He was also Operations Officer in the Allied Supreme Headquar-

EXECUTIVE

(Continued From Page 1)

the year

A retired Army officer, Clay started his Civil Service career as Deputy Chief of the Field Maintenance Division soon after retiring from active duty as a major in March 1957.

Since that time he has exhibited outstanding executive ability and leadership in supervising the activity of the 300 civilians and 70 military personnel assigned to the division.

The vast experience that Clay gained in over 20 years military service has been a vital factor in the continuous high rating that his division has attained despite being understrength during most of the time.

He has been rewarded for his outstanding contributions to the division mission with the award of several Outstanding Performance Awards and the Sustained Superior Performance Award.

Summers came to Redstone after completing a two-year tour of duty with the Army in 1958. He started work as a clerk typist assigned to the Post Engineer and while he has remained in that organization, he has steadily advanced to the position of Industrial Engineering Technician dis-

ters Planning and Operations Division of a 22,000-man force of American, British and Polish troops seeking to destroy German V-1 rocket bases firing on Antwerp, Belgium.

Gen. Luczak, a Pittsburgh native, is a graduate of the National War College and has served on a number of Defense Department special committees for research and development of missiles.

Gen. Luczak will be introduced by Col. Erwin M. Graham Jr., Commandant of MMCS. Graduates include students from Denmark, Germany, Greece, Japan, Netherlands, Turkey and the United States.

GEN. BETTS

(Continued From Page 1)

waves 5, 10 or 100 miles through dense jungles." He added "It's like trying to sing through a pillow."

Noting that the United States is now the world leader or center of science and technology, he said the Armed Services have benefited greatly from this. The General compared anti-tank missiles being developed at Redstone which carry their own built-in guidance systems with World War II "bazookas" which depended on the aim of the gunner and had a 50-50 hit or miss probability at 100 yards.

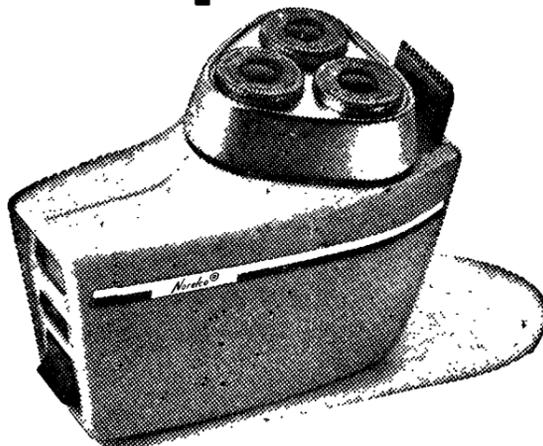
The General's own varied responsibilities are an indication of how wide military research is. He is concerned not only how to seal tunnels in Vietnam, but is also Acting System Manager of the Nike-X ballistic missile defense system. Nike-X is being developed to detect and destroy enemy intercontinental ballistic missiles and submarine launched missiles in flight.

Touching on missiles during his talk, the R&D Chief said, "Not so many years ago we thought of Missiles as towering monsters of erratic performance. Now we have reached a point in science and technology where we are building guided missile systems which are vehicle portable, even man portable, and deadly accurate out to thousands of meters."

playing remarkable organizational and administrative abilities.

The former student at Middle Tennessee State College has exhibited outstanding ability in the work management program and his efforts in the area of shoploading and scheduling have been credited with improving the productive capabilities of the Post Engineer work force.

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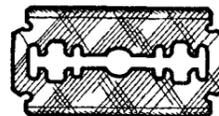


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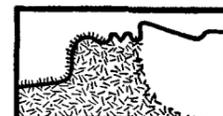
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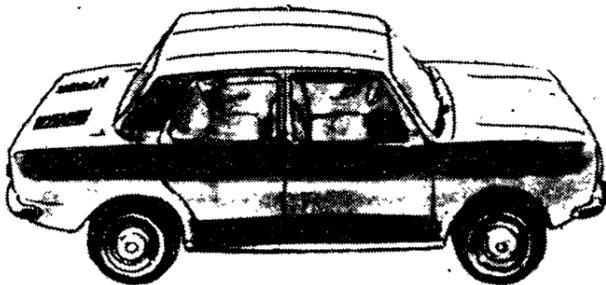
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SOCIAL ^{and} CLUB EVENTS

Thiokol Holds Kiddie Shows

Thiokol Chemical Corporation-Huntsville Division held its annual Children's Christmas Party on Saturday morning, December 10th, at the Martin and Lyric Theaters in downtown Huntsville.

A program of cartoons was featured at both theaters beginning at 10:00 a.m. Free drinks and popcorn were served, and favors were distributed to all children. A door prize of a bicycle was awarded to the child whose name was drawn.

1,000 children of the Thiokol employees attended this annual event.

Christmas Program Set At Redstone Park Chapel

The Christmas program at the Redstone Park Chapel will be presented at 7 p.m. Dec. 19.

Peggy Sturdivant and Barbara Schmeckenpeper are scheduled to sing soprano solos, SP4 Thomas R. Owens, Jr., of the 55th Army Band will play his trumpet, and Floyd Wilson will be at the organ. Rev. George Cornet is the minister at Redstone Park.

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Phone 881-4832

Nursery Changes Hours During Holiday Season

The Post nursery is revising its hours during the holidays.

Dec. 24 the nursery will open at 10 a.m. and close at 2 p.m.

Christmas Day the doors will open at 7 a.m. and close at 2 p.m.

New Year's Eve the nursery won't open until 6:30 p.m. and will remain open until 4 a.m.

New Year's Day it will open at 7 a.m. and close at 9 p.m.

After Jan. 1 the rates at the nursery, including block rates, will increase five cents per hour.

People planning to use the nursery during the holidays are being encouraged by the staff to make their reservations now. The nursery staff will have Dec. 26 and Jan. 2 as holidays for themselves.

Recreation Association Has Summer Tour Plans

The Redstone Recreation Association is planning three events, one almost immediately and the others next summer.

The immediate event is a New Year's party at the Sheraton Motor Inn with buffet, dancing and special room rates for those individuals who don't want to drive home afterward. Reservation forms have been sent to members.

The second event is a European tour in July through six or eight countries. To be eligible to participate in the latter, one must be a member for at least six months before departure.

Joe Aschauer is handling this tour.

Another tour going in the opposite direction in May is also on

College Party Schedule Set

College Club parties in the Patio Room of the Officers Open Mess during the holiday season are all casual according to the schedule with the exception possibly of New Year's Eve.

All college age dependents of the officers at Redstone Arsenal are eligible to attend. The planners are encouraging the individuals to stag, their posters say stags and does

The dates are Dec. 20, Dec. 22, Dec. 27 and Dec. 29. The variety is a pizza night, band night, discoteque, and espresso, not necessarily in that order.

Ticket for the New Year's Eve party will be on sale at the accounting office of the Mess on Dec. 15.

Reservations for the other parties are being handled by: Mrs. Sterling H. Abernathy, 877-5551; Mrs. Russell A. Bergmann, 837-0466; Mrs. Ivey O. Drewry, 877-5136; Mrs. Alton D. Harris, Jr., 539-8713; Mrs. James Harris, 877-4349.

ACCOUNTANTS TO HOLD PARTY

The Huntsville Chapter of the Federal Government Accountants Association will hold its annual Christmas party for members and their wives or dates on Monday, Dec. 19, at the Carriage Inn Restaurant, beginning at 6:30 p.m.

A special program of entertainment and dancing will follow dinner. Guests are cordially invited and may call R. T. McPike, 842 2566 for reservations.

The departure from Huntsville can either be on Eastern Airlines, or if the individual has the time, by automobile to San Francisco, and fly north to Vancouver, B. C. After sightseeing in that city, a non-stop flight to Tokyo is planned. In Japan side trips are scheduled and then on to Hong Kong, Manila, Honolulu and San Francisco.

A. J. Fingel is handling this tour.

Carl Davis To Present Paper To Jackson IEEE

A technical paper written by a U. S. Army Missile Command aerospace engineer, Carl G. Davis, has been accepted for presentation at the 1967 Region III meeting of The Institute of Electrical and Electronic Engineers in Jackson, Miss.

The paper, entitled, "An Application of the Adjoint Technique to an Antitank Missile," is about an analog computer technique.

Davis, a native of St. Louis, works in the Electromagnetics Laboratory of the Missile Command's Research and Development Directorate. He holds two degrees in aerospace engineering; a bachelor's from Georgia Insti-

Archeologists To Meet Dec. 20

The Huntsville Chapter of the Alabama Archeological Association will meet at 7 p.m. Dec. 20 in the Conference Room of the Huntsville Public Library.

Ronald D. Ferdie, a space vehicle engineer, will talk about Archeology for Outer Space Intelligence. Displays will be set up at 6:30 p.m.

tute of Technology and a master's from the University of Alabama.

He has been at Redstone Arsenal since 1961, three years of which were as an Army officer at the Missile and Munitions Center and School.

Newest South Huntsville's 881-9023

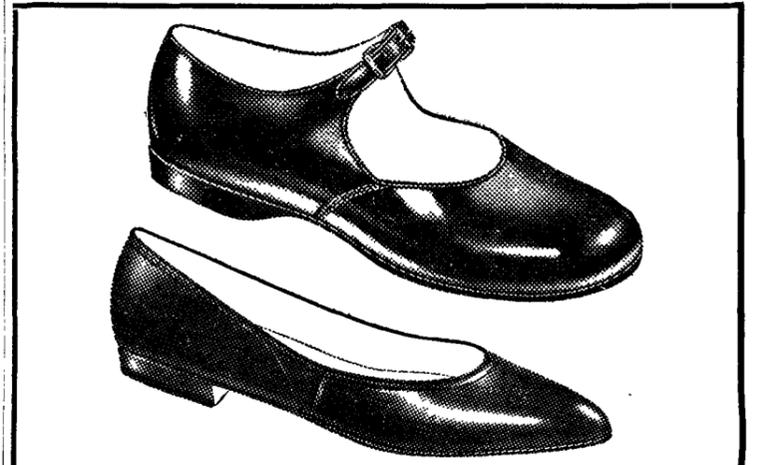
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Mrs. Mitcham Plans Visit To Friends In Asia

Brewing green tea . . . the wooden rattle of chop sticks . . . and staccato English with an unmistakable Asiatic accent. Even in cosmopolitan Huntsville, it's a strange mixture of scent and sound to be rising from the corner white house in the shadow of Monte Sano Mountain.

Mrs. Ophelia Mitcham—who is retiring this month after 24 years of Federal service, all at Redstone Arsenal—lives there at 1502 Wellman Avenue.

In Huntsville and in Japan, she's known as the unofficial greeter of Japanese Air Force and Army officers studying at the Arsenal.

Events which led up to her getting this title began in 1964. Mrs. Mitcham's daughter Bilye, wife of Lt. Col. William H. Fogel, now Army Combat Development Command liaison officer at Redstone, was teaching American history, geography and customs in a Japanese college. Among her students were young men who were later Japanese officers assigned to Redstone, and they brought with them to Huntsville a letter of introduction from Mrs. Fogel.

Mrs. Mitcham opened her home to the visitors from Japan. She entertained them, took them sight-seeing around the countryside and to church on Sunday. She even learned to fix Japanese dishes like suki-yaki for them. And the young officers felt more at home away-from-home than they had since leaving their homeland.

Mrs. Mitcham was impressed by the officers and when they left Redstone for Ft. Bliss, Texas, she wrote a letter to the Emperor of Japan, expressing her feelings.

"At all times these young men have been the epitome of manhood, courtesy and training for which your country is so well noted," she wrote. "I thought you should know how well the representatives of your Empire have

conducted themselves during their assignment in Huntsville, Alabama, U.S.A."

The letter was published in major Tokyo newspapers. Just about every Japanese officer heading for Huntsville, heard about the friendly lady at the end of their journey. Mrs. Mitcham met each one and helped to make his stay as pleasant as possible.

She had a surprise one day this past summer. Lieutenant General Kengora Tanaka was in the United States for a visit to Ft. Bliss. He took a sidetrip to Huntsville for the single purpose of meeting the American who had done so much for his fellow officers.

General Tanaka gave a dinner in her honor and presented Mrs. Mitcham with a pair of Kabuki dolls.

The dolls are just one of many gifts from Japan which have a place in Mrs. Mitcham's home. Fans and paintings and plates were given by the officers who enjoyed her hospitality.

Mrs. Mitcham is a native of Huntland, Tenn., where she attended high school. Florence State College awarded her a B.S. degree in English in 1941.

She came to Huntsville in 1942 after teaching school for 18 years and was employed by the Army Signal Corps at Huntsville Arsenal as a teletype operator. Later, she worked as a typist and cost clerk. Seven years later when Huntsville Arsenal closed, she transferred across the road to Redstone Arsenal and worked with the Post Engineers until 1955. Then, she transferred to the Management Division as a management analyst and was the reports and forms control officer for Redstone Arsenal.

When the Army Rocket and Guided Missile Agency was organized in 1958, Mrs. Mitcham joined the Management Office and stayed



RETIRING ARTER 24—Mrs. Ophelia Mitcham is retiring at the end of December after 24 years of Federal service at Redstone Arsenal. However, she'll probably continue in an unofficial job she's been doing for the past two years—that of greeting Japanese officers studying at Redstone. Here in her Huntsville home, Mrs. Mitcham reads over a reply she received after writing the Emperor of Japan, telling him how she was impressed by the officers' conduct. Beside her are three of many gifts she has received from the officers she entertained in her home. The Kabuki dolls on the left are a gift of Lieutenant General Kengora Tanaka, who made a special trip to Huntsville and gave a dinner in Mrs. Mitcham's honor.

there for a year. She now is a program specialist in the Procurement and Production Directorate of the Army Missile Command, a job she has held since 1959.

Mrs. Mitcham has been the visited up until now . . . and still is. But, things are going to take an about-face in 1968 and she will be the visitor. She and her sister, Miss Rebecca Larkin—who herself retired earlier this year after teaching for 46 years—are going to tour Japan.

The sisters plan to visit the officers who visited them in Huntsville and trade their Southern hospitality for hospitality, Japanese style.

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Rangers Cop Flag Football Crown

The B Company "Rangers", with two key late-season victories, are the 1966 School Troop Command Flag Football champions.

Led by the "big three" of quarterback Sylvester Chambers, right end Charlie Miller and right half-back Bill Roberts, who accounted for 22 touchdowns, the Rangers sped to an 11-1 record—losing only to the 7th ETC, 19-14.

With the title hanging in the balance in the last two weeks of the season, the Rangers successively defeated 3rd place Headquarters Company 19-12, and the second place 7th ETC, 18-12 in the last two games of the season to win the title.

The powerful Ranger scoring machine averaged over 19 points per game while their defense held opponents to an incredulous 4.6 points per contest.

The team was led to the crown by quarterback Chambers who ran for 12 touchdowns and fired 11 "TD" strikes to flanker Billy Roberts and 9 to right end Charlie Miller.

Defensive back Fred Wordell and a whole host of big linemen, including Jim Goligoski, Al Salazar, Jesse Hawthorne and Jim Ogle, kept Ranger opponents tied up most of the season.

Spoilers Spoil Saturn Hopes

Turn about was fair play in the final two weeks of the A-B-C Officers Bowling league first half race. A week ago the Spoilers boosted the Wheezers into the loop lead by knocking off Saturn.

Last week it was the Wheezers' turn to fall under the spell of the Spoilers and once more the latter lived up to their name with a 3 to 1 win to give the crown right back to Saturn, a winner over the Mixers by the same margin.

A pair of splits completed the last night of league action before Christmas with the Lucky Strikes breaking even with the Black Jacks and the War Hawks ending in a stalemate with the Hopefuls.

The second half of the season will not open until January 4.

Duane Ready carried the big stick in the Spoiler attack just as he had a week ago against Saturn. This time he rolled games of 203 and 207 and ended with a 586 total. Tom Wilkerson paced the Wheezers with 538.

Carl Bayer gave Saturn the drive for their pennant winning splurge against the Mixers with a league leading 595. He had one game of 212.

Ted Price shot a 240 game and Don Vanderheyden fired a 577 series for the Lucky Strikes and Les Dotson led the Black Jacks with a 525.

The final standings:

	Won	Lost
Company B	11	1
7th ETC	9	3
Hq Co.	8	4
2nd ETC	7	5
4th ETC	4	8
C Co.	3	9
3rd ETC	0	12

C Company Gains Revenge From Hqs.

C Company got another crack at Hqs. Company in the STC Bowling league last week and this time the story was a little different although not quite what the C men would like.

A week ago two of the C Quintets were swept by Hqs. teams with C No. 1 dropping out of the league lead in favor of Hqs. No. 1. The two contenders got together this time around and C came out with a 3 to 1 win to cut their deficit to a single point.

Bill Belt paced the C win with a 556 while Mike Hamer topped 546 sticks and Chuck Butler came in with a 541 for Hqs.

The No. 2 team from Hqs. kept C from squaring the debacle of a week ago by taking C no. 3, 3 to 1, as Bill Ellwein shot a 558 and Roy Waldrep accounted for 539 more.

The league individual honors went to Al Villanueva whose 603 Honor Roll count failed to stave off an A Company loss to the 522nd Ordnance. Al had games of 209 and 215 sandwiched around a 179 in reaching the elite circle.

The 7th ETC followed the lead of Ken Ceconi to a 3 to 1 win over B no. 1. Ceconi took runner up honors among the individuals with a 565.

Top Individual Effort Wasted

The best individual effort in the Thursday Morning Ladies league went for naught last week as the Tipsters dropped three out of four points to the Queen Pins despite a 514 series rolled by Mercy Villanueva.

The Pins got a 475 set from Martha Trump and a 168 game from Jerry McIver to account for their margin. Mrs. Villanueva included a 182 game in her set.

The Rare Spares put their newly won lead on the line against the previous leaders, the Bowling Bags, and when the day was over the two were just where they started with each taking a pair.

The Angels followed the lead of Rusty Lossing to a 3 to 1 win over the Spalter Pins and the Four Hopefuls won two and a half points from the Do Nothings.

Rusty turned in the only 200 game of the day, a 208, and ended the match with 491. Anne Wiener had the same total for the Hopefuls with a high single game of 187.

Richard Hits New MMCS Pin Total

Wayne Richard grabbed most of the spotlight in the MMCS Officers bowling league last week even though the league lead was up for grabs in a match between the Black Jacks and the Rounders.

The former quintet made up a one point deficit and took a lead of a point by winning three points in the big match as George Earle shot a 571 and Ron Parker chipped in with a 541.

Richard went on a strike spree in the last two games and tacked games of 225 and 238 along behind an opening 178 for a rousing 641 to lead the Satellites to a sweep over the Swags. Tom Wilkerson turned in a 541 for the Swags.

The Hubs took all four from the Squirrel Hill Mob and the Rocket Rollers were just as effective against the Bad Gnus. Myron Sato led the Rollers with a 545.

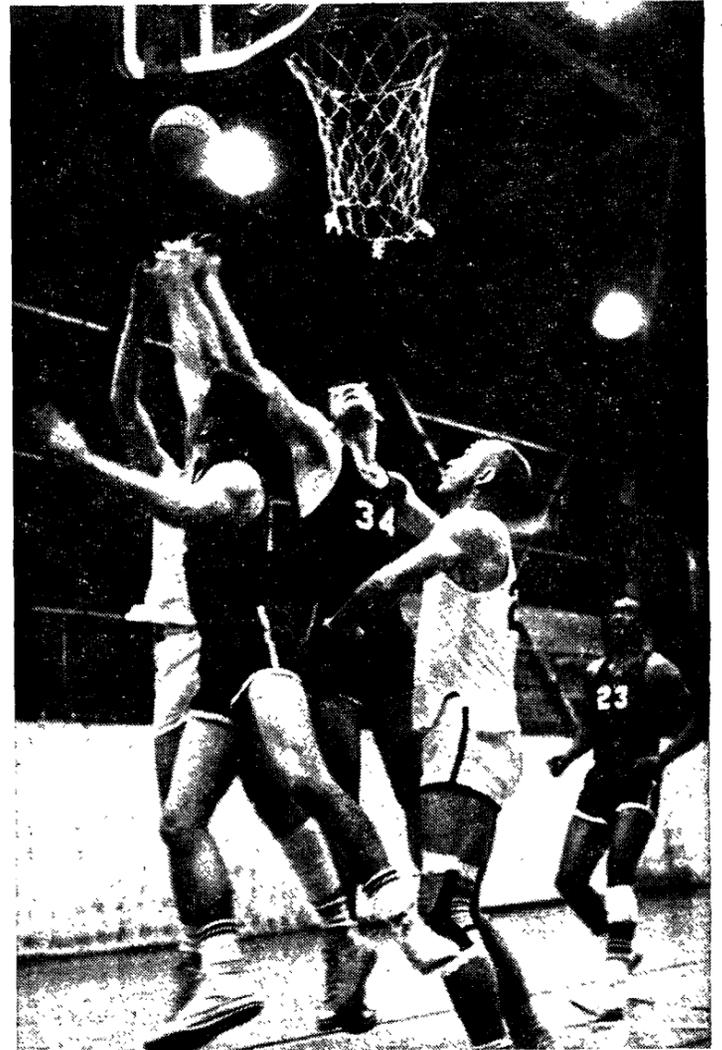
DEER HUNT SCHEDULED

The Brush Creek Hunting Club, Eutaw, Ala., which is composed of Huntsville sportsmen, will hold its fourth scheduled deer hunt on Dec. 17.

For this hunt a limited number of visitors will be permitted to hunt. Facilities are available at the two club houses for sleeping and eating.

Anyone interested in deer hunting Dec. 17 may contact Sam Moyers, 881-3227, or 876-6413.

EVERYONE READS THE WANT ADS



SCRAP FOR REBOUND—Fast and furious action together with a whole lot of good, sound basketball is the rule rather than the exception when Redstone company-level cagers go about their business at the Post Gym. Three games are played each Monday, Tuesday and Wednesday evening with another pair on tap for Thursdays with the opening game tip-off at six each night. Fourteen companies, equally divided into two divisions, will play 18-game schedules ending in mid-February.

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DINING ROOM SPECIALS — 5:00-7:30 P.M. TUESDAY WEDNESDAY THURSDAY Steak Night—2 For Price Of One. Chicken Dinner \$1.25 Wives ½ Price With Dinner of Same Price.

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Joe Medders First AMC Bowler On Honor Roll

It took a long time, twelve weeks to be exact, but the AMC has finally come up with an Honor Roll score. There have been several totals that fell less than ten pins short of 600 in the league, but until Joe Medders put together a 605 last week, not a single bowler was able to get over the hump.

Honor Roll totals have been a regular occurrence in the other two civilian leagues with the Supply Management League accounting for 14 and the Field Services loop coming up with an even half dozen.

Medders, who has been within a single mark of 600 on two other occasions, finally broke the ice with games of 209 and 218 sandwiched around a 178 as the Ramblers won three and a half points from the Packers.

The Bombers had the best team total in the league, a 2939, and won all four from the Alley Cats but were only able to whittle a half point off the Rambler lead which is now four and a half.

Bob Brand led the Bombers with 543 and Eulas Gilbert added a 538.

Ed Kellis shot a 554 as the Stars spilt with the Tigers and Bob Biss had a 551 as the Tow Boys were being handed a 3 to 1

All-Sports Take Comp Center Lead

The All-Sports Trophy four took both the men's and the women's high individual honors in the Comp Center Mixed bowling league last week and used them to soar into the league lead with a sweep over the Squares.

The previous leaders, the Skunks, were the victims of a sweep dealt out by the Hits 'n Misses to fall two points off the pace. The Skunks get a chance to make up the lost ground in a match with the Trophy makers this week.

In other matches last week the Spares won a trio from the Bad Gnu and the Alley Cats outsluged the Lucky Strikes 3 to 1.

Wayne Spruell turned in a 551 count in leading All-Sports to their win and Sue Todd was the only gal to pass 500 when she totaled 503.

Another tandem effort led the spares to win as Bob Beal shot a 513 and Helen Matthews flattened 478 sticks.

setback by the Panthers.

The Field Services league bowlers had one of those days that they would just as soon forget. Only one man passed the 550 mark and one other hit an even 540.

Jack Bailey was high man with a 554 to pace the leading Bramblett five to three wins from Baker Realty. Bill Lasewicz manufactured the 540.

Bramblett saw a point whittled from their four point lead as the Expeditors won all four from the Keglers. Banner TV scored a sweep over the Wheels and the Guided Muscles gave evidence that they are ready to start rolling again by sweeping the Misfits.

Two matches provided almost all of the individual fireworks in the Supply Management League as the Auto Center regained sole possession of the top spot.

The Center five won three out of four from Lily Flagg while HUBCO was being held to a split by the All-Sports.

Hal Williams topped the Auto Center with a 540 that included a 239 game.

Tom Lindsay turned in a 551 and D. B. Smith added 548 more for HUBCO while Stax Waller totaled 550 and Chet Wysocki had a 547 for the Trophy makers.

The Shoot 'n Scoots turned in the best team effort when a hot tandem of Hal Miller and Roy Parmalee paced their mates to a 3039 total with games of 1026 and 1077. Miller ended with 596 with a 225 game and Parmalee fired a 235 single and a 583 series.

WAPI-TV Has 30-Minute Arsenal Show

Huntsville and Redstone Arsenal were featured attractions last Sunday in a 30 minute evening special program from WAPI-TV, Birmingham.

Viewed in color at 7:30 p.m., on Channel 13, the program "Redstone Arsenal — Rocketland," was prepared by the stations News Department which is headed by Bob Jones, former station manager of WHNT, Huntsville.

The show took viewers on a tour of the Arsenal and discussed the impact of the activities at Redstone on the economy of the Tennessee Valley and the state of Alabama.

Maj. Medokowich Speaks To Grads

Graduates at the Army Missile & Munitions Center & School were challenged by the guest speaker Friday to "... properly represent the Ordnance Corps."

The speaker was Maj. M. M. Medokowich, MMCS Assistant Secretary and Chief, MMCS Foreign Liaison Division.

He told the enlisted graduates to apply job techniques learned in school to, "further both yourself and your unit." He also told the officers that they had learned, "the basic tools for management," but warned all the graduates that they had, in his words, "really just begun."

Reavis O'Neal represented the Tennessee Valley Chapter, Association of the U. S. Army to make some special awards. He presented the service school educational achievement plaque to five graduates who achieved over a 96 grade average in their studies. They were: SFC Gerd Viebeg (Germany) 96.5; PFC Ivars Ambats, 98.3; Pvt. Paul J. D'Amico, 97.2; Pvt. Gregory A. Mindeman, 96.9; and Pvt. John F. Clines, 96.1.

Other honor graduates included, PFC George J. Krasinskas, Jr., PFC Donald M. Harvey, PFC James D. Rector, and 2/Lt. Eugene J. Ward.

Controlled Data Collection Seminar Is Meeting Here

A seminar on Controlled Data Collection will be hosted Wednesday at Redstone Arsenal by the Army Missile Command.

One of the purposes of the

seminar will be to present the experiences of the Missile Command in the use of special programs to collect reliability data on missile systems in operational use.

About 50 representatives from all Army Materiel Command subordinate commands and project manager offices are expected to attend. S. J. Lorber, acting director of the AMC Quality Assurance Directorate, will make the major presentation on Intergrated Command-wide Data System concept. AMC is sponsoring the meeting.

The Missile Command's Quality and Reliability Management Office will conduct the seminar, during which discussions will be held on the various aspects of data collection programs, using the Sergeant and Hawk Project Office systems as examples. K. E. Joy, Chief of the O&RM Office will welcome visitors to Redstone Arsenal.

Personnel from the Systems Assessment Division of the O&RM Office taking part on the program include Robert Black, Jerry Gattis, Lt. Maxwell Westmoreland, Claude Hopkins, Don Beaver, Leslie Conger and Ralph Akin.

Repair Parts Contract Let

The U. S. Army has awarded a \$3,049,000 contract to Western Electric Company to supply repair parts for the Nike Hercules air defense guided missile system.

Work under the contract will be done at the company's plant at Burlington, N. C.

Nike Hercules is the United State's primary high altitude air defense weapon. The system is managed by the Missile Command. Western Electric Company is prime contractor.

Negotiating the contract for the Army was the Repair Parts Division of the Missile Command's Procurement and Production Directorate.

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1965 M.G./MIDGET Mark II Roadster. Wire wheels. \$1395.00

1962 CHEVY Impala, super sport, radio, heater, power steering, baby blue, a nice one \$1395.

1965 MG/B—28,000 miles Red with black interior. Really sharp \$1650.00

1964 MG1100 Sedan. Needs transmission work. Black. Special \$320.00

1961 RAMBLER, 4 door \$295.00

1959 RAMBLER 4-Dr. Station Wagon. Economical big car. Special \$400.00

1963 FORD, V8, stick shift, air condition, 4 door, custom sedan, radio, heater. \$895.

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Honest John Flies Free, Been Around Awhile

Honest John

EDITOR'S NOTE: This is one of a series of updated facts about the Army's missile arsenal and the missiles still in the research stage of development that promise to strengthen the Nation's defense capabilities. Improvements, modifications and even silhouettes change the capabilities and increase the accuracy of this arsenal as technology advances. Department of Defense has approved each of these facts for public release.

Type: Surface-to-surface;
Trajectory: Ballistic;
Speed: Supersonic;
Range: 4 to 20 nautical miles;
Guidance: None;
Propulsion: Single-stage solid propellant;
Length: 24.8 feet;
Diameter: 30 inches;
Weight: 4,500 pounds;

Warhead types: Nuclear, non-nuclear;

Mobility: 100 per cent ground mobile and air transportable;

Power equipment: Self contained;

Status: Operational.

The Army's Honest John is a simple, free-flight rocket. It is highly mobile and retains the accuracy of standard artillery weapons.

Since deployment of the missile system, Honest John has undergone substantial improvement which has reduced the system's weight, shortened its length and increased its range.

Studies for a large caliber artillery rocket were begun by Army Ordnance in May 1950. Shortly thereafter, Douglas Aircraft submitted proposals for a rocket based on Ordnance specifications and became prime contractor for the system. Initial firing tests completed at White Sands Missile Range in August 1951, proved feasibility of production of additional models. The rocket has been operational for several years. It is in use with NATO country armies.

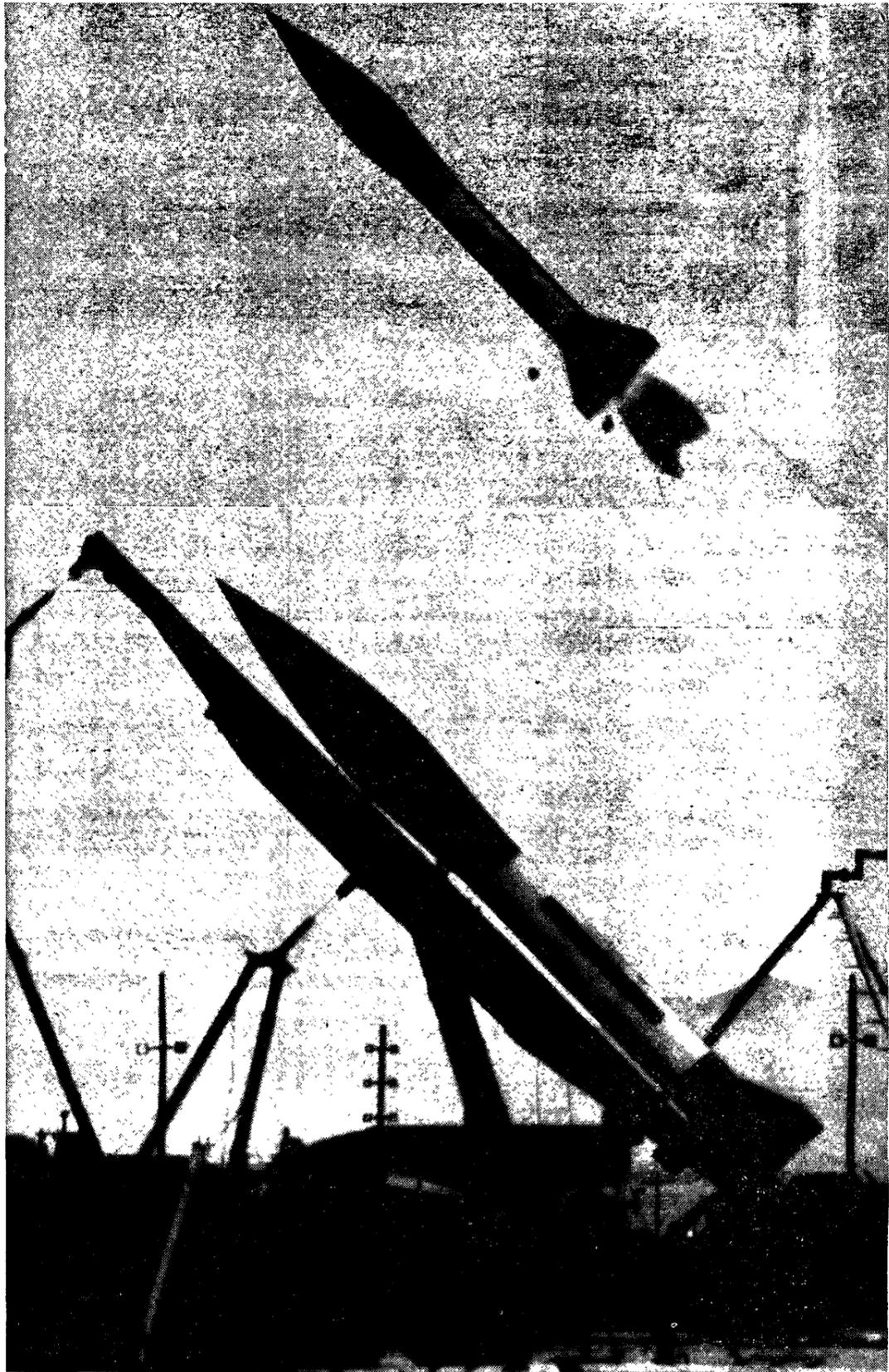
The Honest John is a simple rocket and a highly mobile self-propelled launcher. The rocket is comprised of a forward compartment which houses the Warhead, a motor in the aft compartment in which the rocket propellant is fitted, and a fin assembly at the rear. The head compartment, and major parts of the Honest John such as the motor and fin assembly, are assembled at the factory or arsenal. Final assembly occurs at the firing site.

The Honest John has no guidance system since it is a free-flight

rocket. It approaches the accuracy of standard artillery weapons, and standard fire control techniques are employed.

The weapon has considerably more battlefield mobility than conventional artillery and one nuclear round can deliver on the target the demolition effect of hundreds of artillery shells.

The continuing Honest John research and development, procurement and production and field service programs are under the direction of the U. S. Army Missile Command.



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\$ 50	\$ 9.23	\$ 5.02		
75	13.84	7.53	\$ 5.45	
100	18.46	10.05	7.27	\$ 5.90
200	36.92	20.09	14.54	11.81
300	55.09	29.87	21.54	17.42

Cash You Get	MONTHLY PAYMENT PLANS		
	12 Payments	24 Payments	30 Payments
\$500	\$46.81	\$24.73	
700	64.92	34.30	
1000	92.30	48.76	\$40.05
1500	137.80	72.80	59.80
2000	181.96	96.13	78.96

Above payments include principal and interest. Life Insurance is available at group rate on loans above \$100. Loans up to \$300 under state supervision.

Payments above include principal and loan charges if repaid according to schedule, but do not include life and disability insurance, available at group rates.

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HIGH HONOR—1st Sgt. Walter Sabalauski receives the Distinguished Service Cross, the nation's second highest military award, from Gen. William C. Westmoreland, MACV Commander. The 101st Airborne Division paratrooper was decorated for extraordinary heroism during a 30-hour battle near Dak To, Vietnam, when his unit, Co. C, 2d Bn. 502d Inf., was surrounded by a North Vietnamese battalion.

MEDICS

10,000TH PATIENT has been admitted to 1st Logistical Command's 3rd Field Hospital in Saigon. Hospital has been in operation in Vietnam for 19 months, provides direct medical support for 1st and 25th Infantry Divisions, and 196th Light Infantry and 175rd Airborne Brigades.

TRYOUTS

Fantasy Playhouse will hold tryouts at the Civic Arts Council on Clinton Street for parts in the scheduled production of Arthur and the Magic Sword today.

The cast for this production is a big one.

DEFENSE COMMUNICATIONS AGENCY realigned its headquarters staff into three major function offices: Office of DCA Plans and Policy, Office of DCA Program Implementation, and Office of DCA Operations. DCA Director Army Lt. Gen. Alfred D. Starbird also announced that the functions of the Office of Deputy Director, Communications Satellite Project Office (CSPO) will be integrated within the directorate. The moves were made "to improve staff direction in planning, engineering, implementation and operation."

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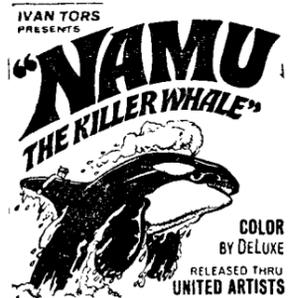
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Most of the time it's easy getting home this way, but during December things can get a little tight. You might prefer making a reservation, just to be on the safe side.

But whichever way you choose, we hope you come to United first. There's no better way to get in the Christmas spirit than by flying home for the holidays in the friendly skies of United.

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Shillelagh Lives By Name: War Club 'Tis Sure

Shillelagh Facts

EDITOR'S NOTE: This is one of a series of updated facts about the Army's missile arsenal and the missiles still in the research stage of development that promise to strengthen the Nation's defense capabilities. Improvements, modifications and even silhouettes change the capabilities and increase the accuracy of this arsenal as technology advances. Department of Defense has approved each of these facts for public release.

TYPE: Surface-to-surface;

TRAJECTORY: Boost-glide;

GUIDANCE: Command;

PROPULSION: Single stage solid propellant;

MISSILE DIAMETER: 5.95 inches;

WARHEAD: Octol, shaped charge;

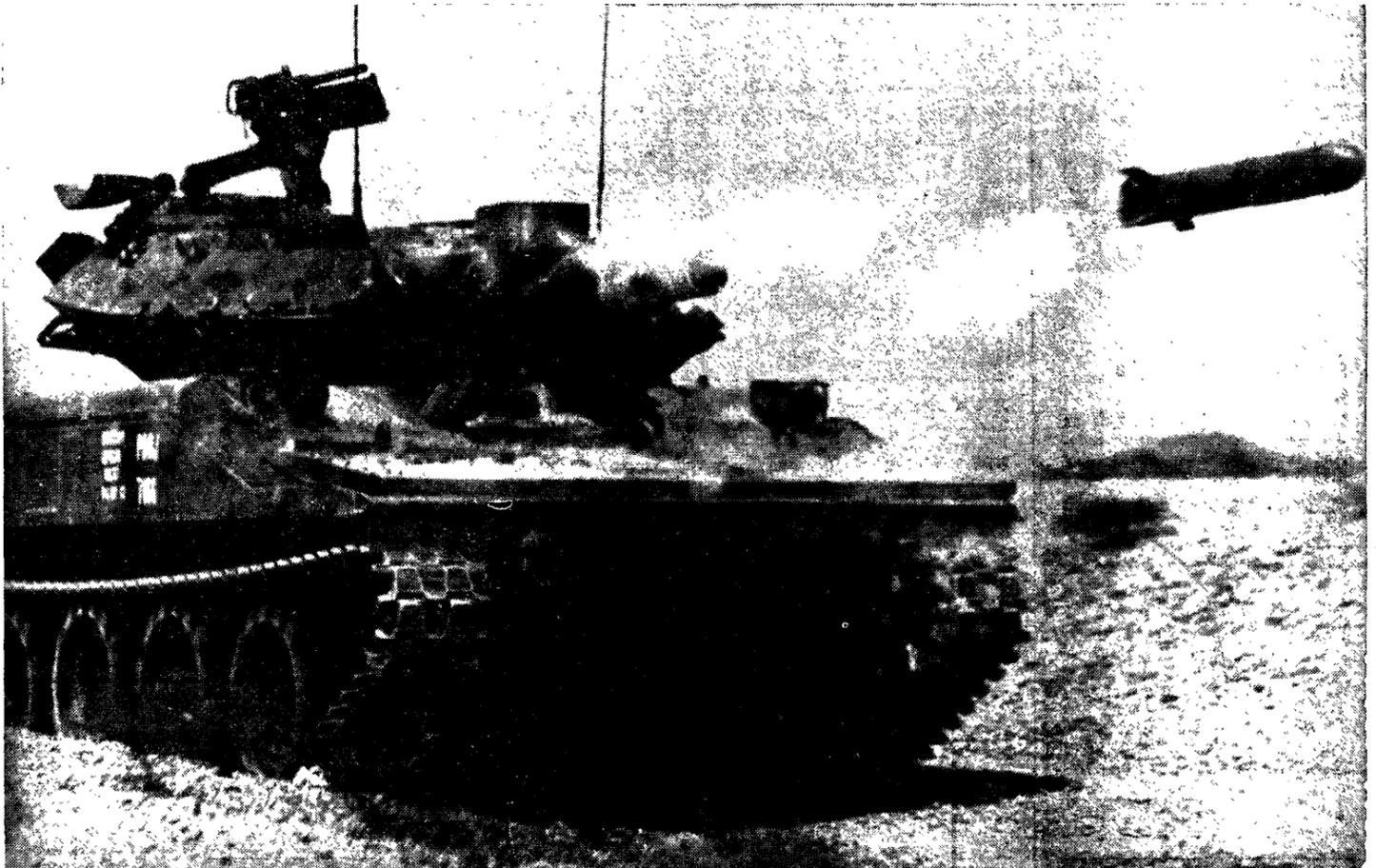
STATUS: Production;

WEAPON SYSTEM MANAGER: Col. Spencer R. Baen, Shillelagh Project Manager, U. S. Army Missile Command;

PRIME CONTRACTOR: Aeronutronic Division of Philco-Ford, Newport Beach, Calif.;

ALTERNATE PRODUCER: Martin Marietta Company, Orlando, Fla.

Shillelagh is a lightweight, sur-



face-to-surface guided missile system which is designed as main armament for armored combat vehicles.

A direct fire missile which is launched from a combination gun-launcher, Shillelagh will be effective against tanks, troops and field fortifications. Its 152mm gunlauncher can fire either missiles or conventional ammunition, and provides high accuracy against moving or stationary targets.

Shillelagh is capable of being mounted on a wide variety of combat vehicles. The first application of the weapon was on the

General Sheridan, a lightweight, armored reconnaissance airborne assault vehicle. The General Sheridan has a high degree of cross country mobility and a maximum cruising range to permit operations at extended distances.

It is also the armament for the Army's M-60 A1E1 tank, replacing the present 105mm gun, and has been selected for inclusion as the primary armament system for the Main Battle Tank, now under development as a joint effort of the United States and the Federal Republic of Germany.

The missile is guided to its tar-

get by a command system mounted on the launching vehicle and is capable of maneuvering in flight to attack a moving target. With Shillelagh, no ranging or leading is required.

The Shillelagh program is managed by the U. S. Army Missile Command, Redstone Arsenal, Ala.,

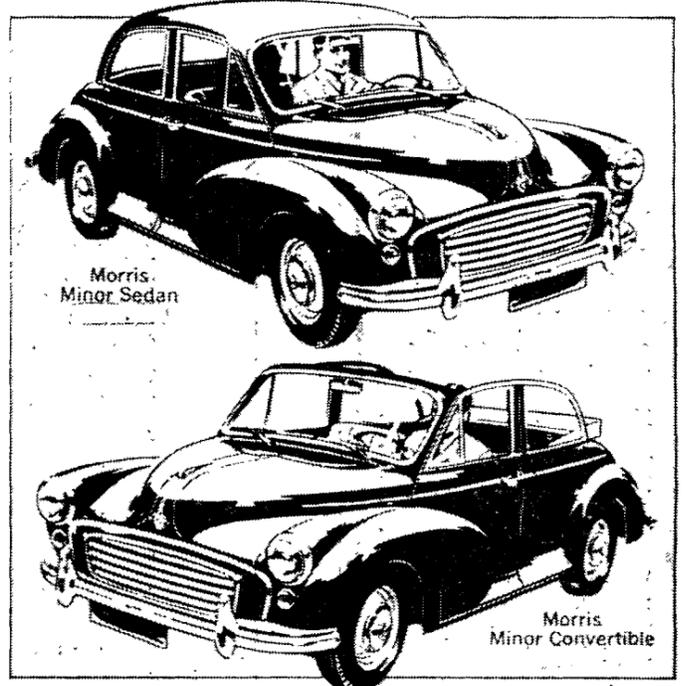
under Col. Spencer R. Baen, Project Manager. Aeronutronic Division of Philco-Ford was the development contractor, is the prime contractor for guidance equipment and is a producer of missiles.

Martin Marietta Company, Orlando, Fla., is an alternate missile producer.

Page 10 The Redstone Rocket — December 14, 1966



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Coleman Retires To Pursue Shell Loading Career

When Otis Coleman says good-bye to Redstone Arsenal tomorrow after more than 22 years of Federal service, he'll have no time for the easy chair—or the pipe and slippers routine.

First of all, he confides, "I'm going to catch up on my hunting and fishing."

He plans to go to Marathon, Fla., this winter — "best fishing there I ever saw—". Then next fall he's off for a hunting trip to the wilds of Montana where he'll do some big game hunting—elk, deer and antelope.

After that the Billings, Mont., native will return to Huntsville to settle down and resume on a near fulltime basis a hobby that

he has followed for more than 30 years—reloading rifle and pistol ammunition. His skill is such that he has been listed among the top ammunition men in the country in such publications as "the Gun Digest."

Anyone who owns a gun or buys a box of shells knows the value of being able to "load your own."

"Ammunition for a rifle," Coleman explains, "might run you about \$5 for 20 shells. That's expensive if you do a lot of shooting. But I can reload 20 shells for about a nickel each. This way I can afford to shoot."

He bought his first rifle in 1928, Coleman recalls, and began to fool around with loading his

own ammunition. Shortly after the end of World War II he decided to make his hobby a full-time job—which he did for three years. During this time, he loaded and shipped ammunition to all parts of the country—even to Hawaii. He reloaded pistol ammunition for numerous law enforcement agencies, including state police in Idaho and Montana.

Once he received a letter of recognition from the late Maj. Gen. Julian Hatcher, then president of the National Rifle Association, commending him for the quality and versatility of his handloads.

Coleman says reloading rounds

is becoming more and more popular with gun owners. Even some of the larger ammunition dealers are selling more components for loading now than they sell ammunition.

"The biggest users of reloaded rounds, I suppose, are varmint hunters," Coleman said. "But big game hunters have begun to use them too."

In addition to being less expensive, Coleman said, many hunters like reloaded rounds because they get better accuracy.

"Ammunition you buy from a dealer—unless it's matched—may vary in weight. At a distance of

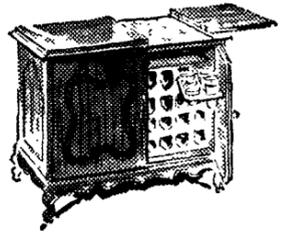
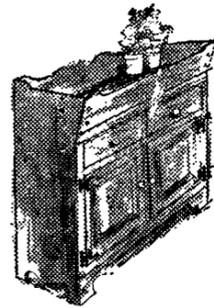
100 yards unmatched rounds may throw you off as much as five or six inches. When you load your own, you know every shell is matched."

Coleman has his workshop set up in his home at Hobb's Island.

An employee in the Engineering Documentation Section of the Army Missile Command's Procurement and Production Directorate, Coleman has been at Redstone Arsenal for more than nine years.

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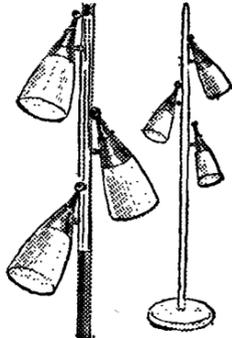
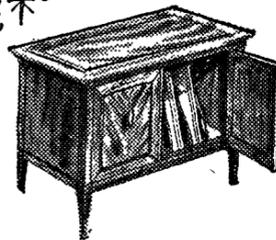
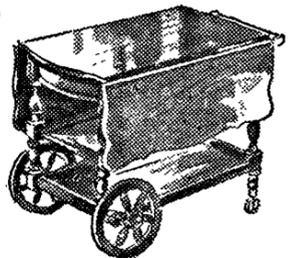
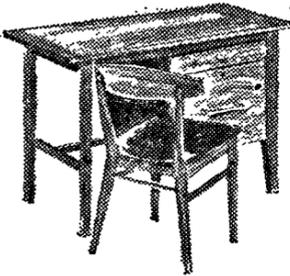


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Safest Road For Driving Is Unsafe On Post

Winding through the woods is the safest way to travel at peak traffic hours on Redstone Arsenal, and the woods road is a heavily travelled one.

Hansen Road, a two-lane narrow, twisting roadway with narrow bridges and limited visibility, is the one road that hasn't had an accident occur on it during peak traffic hours, according to the Provost Marshal, LTC W. J. McClain.

In fact, the Colonel said, the most hazardous road on the installation is the safest.

One of the reasons is probably psychological, he admits. The safe drivers hold the risk-taking ones to a safe pace and even the risk takers are seldom bent on suicide.

There are other winding roads on which the Colonel has no pins on his traffic map to indicate an

accident, including Anderson Road where the cattle graze and the farmers drive their trucks among the test stations equipment set up in isolated fields

Dodd Road, where heavy equipment is the rule rather than the exception, shows little incidence of bumps and bruises to vehicles.

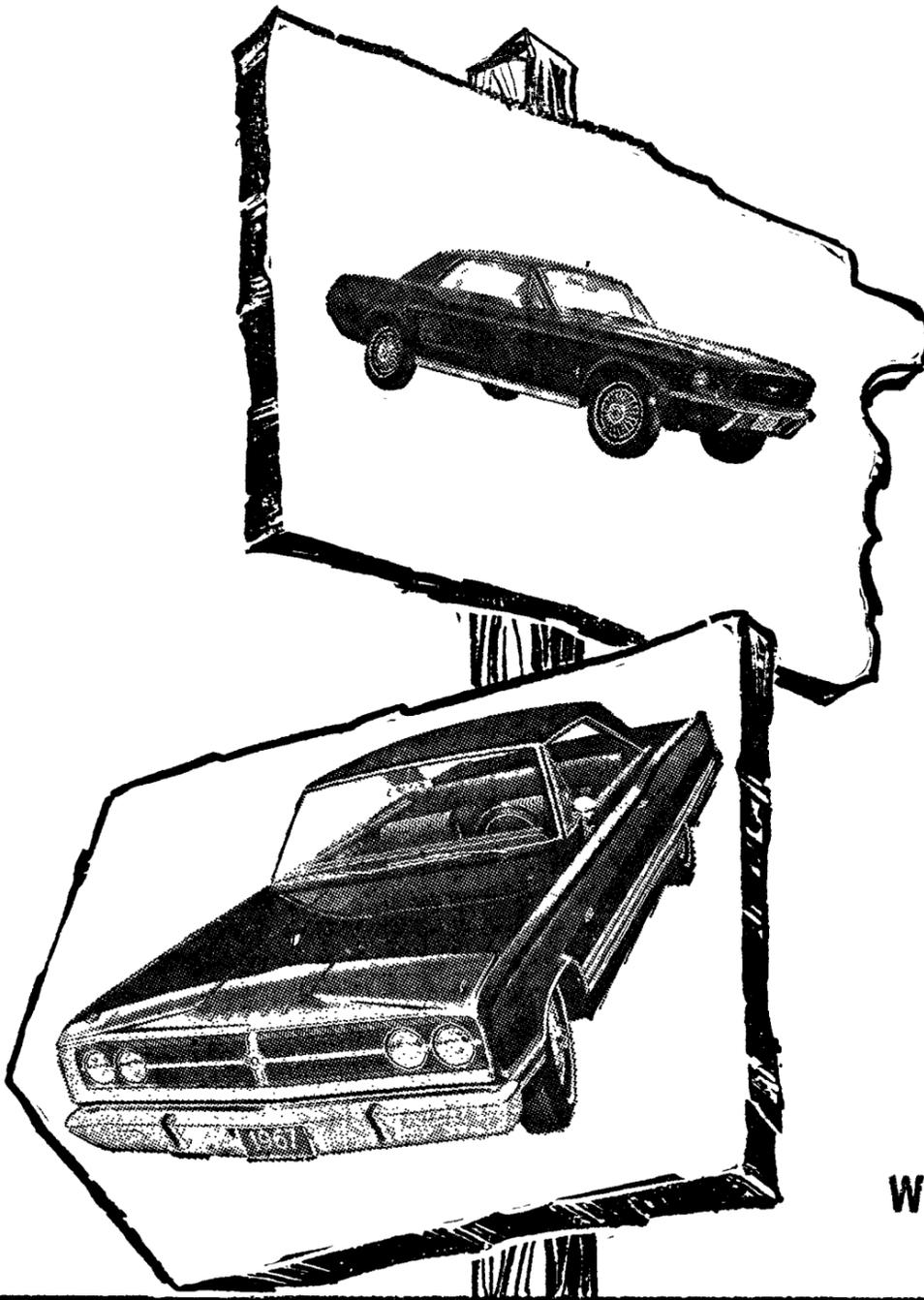
The greatest risk roads are the straight, wide ones. On these the map pins cluster at bottleneck points.

MARINE CORPS RETAILORING its All-Marine Corps and Inter-service Athletic Championships for 1967 to expand and place more emphasis on intramural competition and to encourage greater participation. For full details, commanders were advised by Marine Corps Headquarters to read Marine Corps Order 1710.4K of Oct. 11, 1966. (AFNB)

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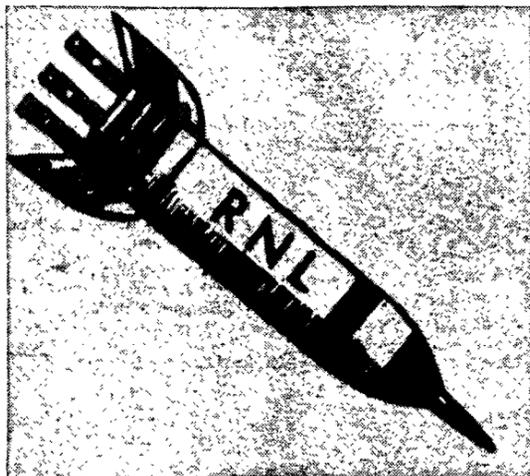
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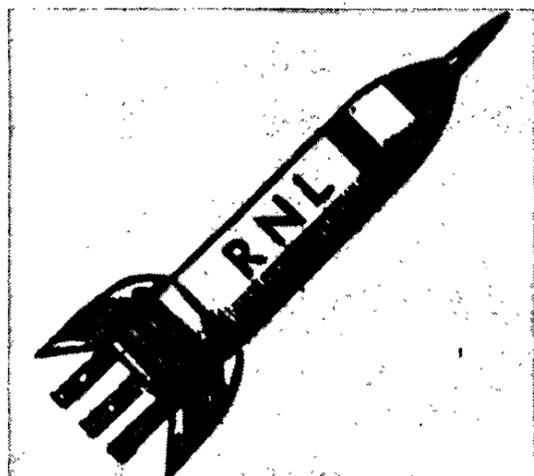
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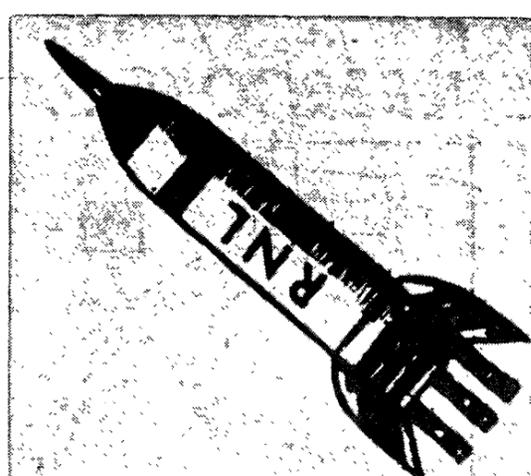
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Page 14 The Redstone Rocket — December 14, 1966

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2. Cars For Sale

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3. Miscellaneous

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ARPA HAS APPOINTED Seymour J. Deitchman, 43, former Institute of Defense analyses counter-insurgency expert, as director of remote area conflict. His responsibility in the Advance Research Projects Agency encompasses all phases of counterinsurgency re-

search, including communications, mobility, systems analysis and behavioral studies. Mr. Deitchman succeeds Maj. Gen. C. J. Timmes, who is being reassigned by Army. (AFNB)

5. Houses, Lots - Sale

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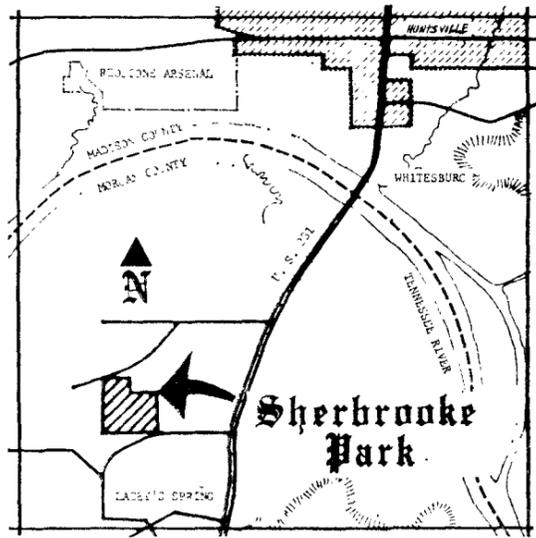
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Versatile Lance Designed For Surface Attack

Lance Fact Sheet

EDITOR'S NOTE: This is one of a series of updated facts about the Army's missile arsenal and the missiles still in the research stage of development that promise to strengthen the Nation's defense capabilities. Improvements, modifications and even silhouettes change the capabilities and increase the accuracy of this arsenal as technology advances. Department of Defense has approved each of these facts for public release.

MILITARY DESIGNATION:
XMGM-52-A;

TYPE: Surface-to-surface;
SPEED: Supersonic;
TRAJECTORY: Ballistic;

PROPELLANT: Pre-packaged storable liquid;

WEIGHT (at launch): Approx. 3,200 lbs.;

LENGTH: Approx. 20 ft.;

DIAMETER: Approx. 22 in.;

GUIDANCE: Simplified inertial;

STATUS: Development;

PRIME CONTRACTOR: LTV

Michigan Division of LTV Aerospace Corp., Warren, Mich.;

WEAPON SYSTEM MANAGER: Col. W. E. Mehlinger, Lance Project Manager, U. S. Army Missile Command.

Lance is a surface-to-surface ballistic missile which is being designed to provide greater fire support to Army divisions. It is in development to replace the Honest John and possibly Littlejohn. Lance would complement division tube artillery and would extend the division commander's capability for nuclear and non-nuclear supporting fire. Lance was formerly designated "Missile B."

Major components of the missile include a warhead section, a guidance package, fuel tankage and an engine.

Major ground support equipment for the system includes a Self-Propelled Launcher (SPL), a fully mobile Lightweight Launcher (LWL) and Transporter Loader (TL).

Prime mover for the highly

mobile missile system is the XM-667. The entire firing unit is self-contained and self-sustaining on two of these tracked vehicles.

In airmobile operations, the lightweight launcher and the missile can be carried into the battle zone by Army helicopter. They can also be carried on fixed-wing aircraft and air-dropped by parachute.

Lance will utilize a new modified inertial guidance and control concept. It is a rugged, low-cost package conceived and developed in the Army Missile Command's Guidance and Control Laboratory, and is designed to give reliable accuracy.

Ling-Temco-Vought's LTV Michigan Division was selected as system prime contractor on Nov. 1, 1962. Work for development of Lance is underway at the Michigan Ordnance Plant near Detroit.

There are six major sub-contractors contributing to the Lance program. They are:

- American Bosch Arma Corp., Arma Division, Roosevelt, N.Y.—Gyroscope.
- Systron-Donner Corp., Donner Division, Concord, Calif., — Guidance Components.
- North American Aviation, Inc., Rocketdyne Division, Canoga Park, Calif.—Propulsion.
- Hawker-Siddeley Canada Ltd., Toronto, Ontario, Canada — Lightweight Launcher.
- FMC Corp., Ordnance Division, San Jose, Calif. — Vehicles.
- LTV Military Electronics Div., Garland, Texas—Power Supply and Electronic.



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Third Army Leave Policy Liberal But Get Job Done

HEADQUARTERS, THIRD US ARMY, Fort McPherson, Ga. — The Third US Army, with the largest concentration of troops in the United States, will send more than 90 thousand of its military personnel on leave during the coming Christmas-New Year holidays. This represents more than twice the number that went on leave from Third Army a year ago. Due to the sharp increase in manpower this year, Third Army has established a firm leave program and has increased efforts in coordinating and planning with commercial carriers to insure the efficient movement of personnel during this period. The official holiday period extends from 7 a.m. on December 17, to 5 p.m. on January 2. Commanders have been given authority by Third Army to deviate from the departure date based on local commercial transportation capabilities, provided they meet their respective training requirements.

A survey has been made at each station within Third Army to determine the anticipated personnel departures each day, as well as the destination and mode of travel desired. This consolidated information is disseminated to the authorized representative of the commercial carrier concerned

for planning purposes. Personnel will depart in phased groups to enable commercial carriers to provide the necessary equipment, and to prevent overloading of carrier terminals during the holiday period. Military personnel are being encouraged to make reservations and purchase round-trip tickets in advance. Rail and bus carriers honor "furlough fares" for military personnel on official leave or pass. Carriers' regulations require that military personnel travelling on reduced-fare tickets be in uniform. The furlough fare rail tickets will be honored in coach service only.

Travel assistance booths are being established at terminals near the major installations within Third Army to provide assistance and information to travelling military personnel.

Theater Schedules

Theater No. 1
 WED.-THUR., Dec. 14-15
 "Shane" (F)
 FRI., Dec. 16
 "Warning Shot" (M)
 SAT., Dec. 17
 "Red Tomahawk" (F)
 SUN.-MON., Dec. 18-19
 "After the Fox" (F)
 INCREASED ADMISSION: adults 50c, children 25c
 TUE., Dec. 20

Walt Disney's "The Fighting Prince of Donegal" (F)
 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.

Theater No. 2
 WED., Dec. 14
 "Red Tomahawk" (F)
 FRIDAY, Dec. 16
 "After the Fox" (F)
 INCREASED ADMISSION: adults 50c, children 25c
 SAT., Dec. 17
 Walt Disney's, "The Fighting Prince of Donegal" (F)
 SUN., Dec. 18
 "The Poppy is also a Flower" (M-YP)

TUE., Dec. 20
 "John F. Kennedy: Years of Lightning, Day of Drums" (F)
 One show only at 7 p.m.

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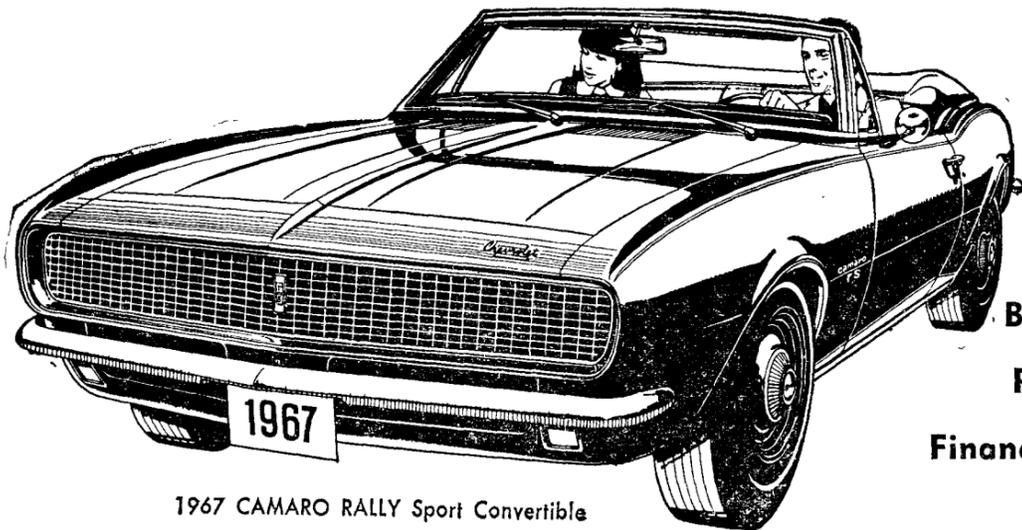
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