

The Redstone Rocket

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DECEMBER 17, 1969

Arsenal-Wide

Spot News

Dial 112



CAROLERS—Among the events Friday night when Maj. Gen. E. I. Donley flipped the switch to light the Post Chapel's Christmas tree were carols from four choirs. Above the Redstone Chapel Youth Choir sings under the direction of Mrs. George L. Little, Jr. (right). Later Santa arrived in a big, red fire truck to distribute presents for the youngsters. His helpers were members of the Arsenal Boy Scout troops. Chaplain (Capt.) Loren Speicher was the coordinator. The 55th U.S. Army Band participated in the program.

LTC Gooch Goes To S&M

LTC K. W. Gooch has assumed the duties as Chief of the National Inventory Control Point in the Supply and Maintenance Directorate following his recent transfer to the Missile Command from the Safeguard Logistics Command.

In his new role Col. Gooch replaces LTC F. M. Creighton who has been elevated to the position of Director of Supply and Maintenance.

He is responsible for the total inventory control mission in support of Army missiles and associated equipment. Included in the functions of the position are: the determination of requirements, initiation of procurement actions, management of stock control and requisition processing.

Col. Gooch will also monitor the receipt, storage and issue of material and supplies in support of U. S. combat forces in this country and overseas, as well as allied forces under the various military aid programs.

The new NICP chief is a veteran of over 17 years commis-



LTC K. W. GOOCH

sioned service with the Field Artillery and Ordnance Corps, and has gained a wealth of experience in every phase of Army logistics management.

He has served at various state-side installations and has completed overseas tours in Germany, Turkey and with the American Embassy in Nigeria.

Col. Gooch left the assignment in the West African nation where (See LT. COL. GOOCH on Page 3)

SP4 J. P. Maley Is Soldier Of Month

The Missile and Munitions Center and School continues its domination of the Post Soldier of the Month award.

For the third consecutive month an MMCS soldier has won the arsenal's top enlisted prize. The November award goes to SP4 Joseph P. Maley, a Charlie Company trooper.

A management specialist in the missile school's Personnel Division, SP4 Maley worked his way to Post honors by winning battalion and brigade soldier of the month trophies.

The Wichita, Kan. native recently completed studies in a Land Combat Missile Systems repair course. The 24-week curriculum came to a close in late November. (See SOLDIER on Page 3)

LANCE HAS GOOD SHOT AT WHITE SANDS RANGE

The Army's highly mobile Lance battlefield missile, modified to increase missile range and performance, was fired successfully last week at White Sands Missile Range, New Mexico.

Equipped with a tactical feed system, the missile carried a lightweight ballast warhead section and enlarged aerodynamic fins to compensate for reduced warhead weight.

All test objectives were accomplished, the Army said.

The test was part of a continuing series of development tests

which increase Lance performance and greatly extend its range.

Conducting the firing were engineers and technicians from LTV Aerospace Corporation, prime contractor for the system. Lance is being developed for the Army by the Missiles and Space Division of LTV at its Michigan facility near Detroit.

The Lance program is managed by the Army Missile Command at Redstone Arsenal, Ala., under Col. A. F. Pottle, Jr., Project Manager.

Lance is designed to place strategic fire on enemy troop concentrations, supply depots, transportation routes and similar targets. Designed for delivery by helicopter or air drop by parachute, the 20-foot long, 3000-pound missile can be fired from its own self-propelled launcher or from a lightweight, truck-towable launcher.

It can be set up and fired rapidly by a team of only six men.

Lance is the first Army Missile to use pre-packaged storable liquid propellants and to have a simplified inertial guidance and control system.

SAM-D TAKES SECOND TEST AND PASSES

Army missilemen at Redstone Arsenal are pleased with the second successful SAM-D launch environment test.

The full-scale SAM-D missile model was fired Saturday from a non-tactical canister and launcher. Both launches have been highly successful.

For both tests, a short-burn motor was used to prove out the bazooka like launch technique that was used with the tactical system. Tests were conducted by Martin Marietta's Orlando Division, developer of the missile and canister.

SAM-D is being designed as a highly mobile Army air defense system for the 1970s against high performance aircraft and short range missiles. The unique technique for launching the missile from the same canister in which it is shipped and carried is part of a "certified round" concept around which the system is designed.

The SAM-D program is managed by the Army Missile Command at Redstone Arsenal under Col. James C. Miller. Raytheon Company is prime contractor and Martin Marietta a principal subcontractor to Raytheon. Thiokol Chemical Corporation is propulsion subcontractor to Martin.

Training Drops During Holidays At Redstone

Off-post training at Redstone is at a low ebb this week with only 15 Missile Command and Safeguard Systems Command civilians listed for classroom study in their individual career fields.

They were selected to enroll for the training courses under the Command's career development training program that is administered by the Training and Development Division of Civilian Personnel.

Those taking graduate level courses with the University of Oklahoma are spending the week at three facilities, on the main campus in Norman, Okla., at Offutt AFB, Neb., and in the Nation's Capitol.

J. Paul Schumann (Msl Intel) is in Norman for Problems in U. S. Foreign Policy, and Truman Howard (SAM-D) is at the Air Base in Nebraska for the Seminar in Computer Dynamics.

The remainder are in Washington taking the Federal Procurement course. They are: Sammie Hardy (Lance), Laurie Atkinson (Pershing), David Dula and Omar Norris (Hawk), Charles Schooly and Charles Cockrell (SAM-D), and Walter Tribble, William Wall and Thomas Patton (Safeguard).

Herman Libbe and Joseph Coffman (S&M) and William Gudaitis (Hawk) are spending the week at Ft. Lee, Va., where they are enrolled for ADP for Logistics Executives at the Army Logistics Management Center.

Completing the list is H. L. Maxey (Safeguard) who spent Monday and Tuesday at Sandia Base, N. M., for the Nuclear Weapons Design Information course at the Defense Atomic Support Agency.

Gift From Blood Donors Renews Man's Life Span

Thanks to the Red Cross and six men of the Advanced Subjects, Division, Directorate of Individual Training, U. S. Army Missile and Munitions Center and School, Harold Shovelton, a public accountant of Riverside, R. I., received his Christmas gift early—a gift of life.

A few months ago the division was informed by a member of the MMCS Personnel Division that a close friend, Shovelton, needed blood very badly. Because of a lengthy hospitalization and financial difficulties, the blood would have to be a gift.

Wanting to help, the soldiers inquired how they might donate blood for Shovelton. As it was ex-

plained to them, they only had to visit the blood mobile, fill out a form requesting the blood be given to Mr. Shovelton, and the blood would be speedily on its way to save a life. At the blood bank in Rhode Island, the blood would be given, free of charge, to Mr. Shovelton.

Today, Shovelton expresses literal undying thanks to these concerned men of MMCS.

Christmas is still on its way, and the blood mobile will be at the Service Club from 0830-1600 today, December 17.

Donating—especially at this time of the year—could mean the gift of life for someone desperately in need.



5000TH MAIL ORDER STUDENT—Mrs. Elizabeth Reynolds of the Army Missile and Munitions Center and School becomes the 5,000th student to enroll in correspondence courses that MMCS now offers free to government employees and military men throughout the world. Here she accepts her first lesson assignment in automatic data processing from LTC Albert W. Braun, Director of Nonresident Instruction. Established in mid-1968, the MMCS learn-by-mail unit has prepared and monitors some 100 courses being studied around the world. Completion of courses qualifies members of Civil Service and the military for merit promotions and proficiency pay. Students now include 300 women. (See story on Page 4)

Rocket To Be Early Next Week

Next week's edition of the Redstone Rocket will be distributed on Monday. The deadline for all copy will be noon, Friday of this week.

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 876-1500.

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 wantads—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

The die was now cast; I had passed the Rubicon. Swim or sink, live or die, survive or perish with my country was my unalterable determination.
—John Adams

Take The 'Pro' Test

In this day of increasing specialization, the variable enlistment bonus and pro-pay, the man-behind-the-machine gets more and more attention. And rightly so because more is demanded of him as technological advances increase the complexity of the military machine.

This is true whether the man be airman, sailor, soldier or Marine—the defense force of this nation is an iron fist whose knuckles are the combined efforts of all the services.

The increasing demands placed on today's military man are manifest in many ways but they all have a common cure: dedication to a job well done. Getting-the-job-done is an American heritage.

The old poster with Uncle Sam rolling up his sleeves, getting ready to pitch in, typifies the kind of 'can do' spirit which has kept this country strong since the days of 'Manifest Destiny.'



In the Atomic Age, liberty permeates everything we do, democracy rings in our ears and the distinction between individualism and protest becomes distorted. Protest for its own sake becomes the fashion and individualism becomes more regimented and uniform than the 'establishment' itself.

The dissenters fail to recognize this and continue to see the man who shines his shoes and salutes as conforming to the 'establishment' and therefore a blah, a non-entity.

But is he? Is he not in fact more the individual because he has made a decision? Has he not chosen to roll up his sleeves and pitch in? Let us examine this creature and see if he is filled with the stuff of glory or just a hollow shell of shiny shoes and smart salutes.

Who is this man and what are his goals? He is an American and part of the mightiest military machine the world has ever seen. When his flag goes by, he gets a lump in his throat and he thrills at the power of his service and his country.

Yet he is a compassionate man who builds orphanages and is anguished by the ravishment of war. He is a complex paradoxical creature; he is a human being; above all, he is a professional.

He is, as Francis Bacon called him, "a debtor to his profession." And he does indeed "endeavor . . . to be a help and an ornament thereunto." (AFPS)

Christmas Activities At Post Service Club

Yuletide Activities at the Service Club will include a Christmas program on Sunday at 7 p.m., Christmas games, with a prize for

everyone, on Mon. at 8 p.m., Christmas Caroling on Christmas Eve at 7 p.m. and Open House at 3:30 p.m. and a Christmas Party at 7 p.m. Christmas Day.

All enlisted personnel are invited to visit the Service Club during the Holiday Season.

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TWENTY YEAR REENLISTMENT—Four MMCS soldiers reenlisted last week in ceremonies in the Company C. Orderly Room. The ceremony, performed by CPT William S. Chairsell, commander, Co. C, represented 20 years service. From left, the reenlistees are: SP5 Matthew Jones, Co. B, six year reenlistment; SP4 Danny Meemen, Co. C, six years; SP5 John Lampert, Co. C, four years and SSG Thomas Wright, Co. C, four year reenlistment.

Cutbacks Pose Challenge Gen. Chesarek Tells AUSA

The Commanding General of the U. S. Army Materiel Command (AMC) said last week that cutbacks in defense spending and manpower pose a new challenge to Army agencies at Redstone Arsenal and the neighboring communities.

Gen. Ferdinand J. Chesarek told 500 members of the Tennessee Valley Chapter of the Association of the U. S. Army Tuesday night that in the future manpower and funds will "flow to the areas of greatest opportunity for the Army."

The challenge to the Arsenal and community, he said: "Is to continue to create those opportunities as you have done so well in the past."

Both the Army Missile Command at Redstone Arsenal and the Safeguard Logistics Command in Huntsville are elements of AMC. It controls the development, acquisition and supply of all Army equipment and weapons. Together with Anniston Army Depot and aviation test activities at Ft. Rucker, the four AMC elements in Alabama employ almost 14,000 civilians and have a combined military and civilian payroll of \$165 million.

In an era when the challenge to the Army is to do better with fewer dollars and fewer people, Gen. Chesarek said AMC must find ways to get maximum use from every resource and preserve its research and development capabilities while not fearing to accept "intelligent chance taking which can lead to

bigger and better things to come."

Speaking of Army missile activities at Redstone, he said: "We hope that the severe budget cuts that face the Army today and in the foreseeable future will be so structured as to continue to support this cradle of research that has proved to be of such tremendous value to the nation and indeed, to the world."

"I would be less than candid, however, if I were to prophesy a

continuation of the level of employment and productivity that has occurred over the past ten years."

Walter Eigenbrod, president of the Tennessee Valley Chapter, presented special awards to nine Army civilian employees from Redstone who have returned from volunteer service in Vietnam. The chapter has honored more than 70 Army civilian employees with similar awards since the program was established two years ago.

Honored Tuesday night were Warren D. Shannon, John J. Miller, Charles V. Dove, George Street, Gordon F. Ray, Jr., John E. Moore, Luther T. Reynolds, Lawson Lacy and Robert E. Kirkpatrick.

Theatre Schedule

WED., Dec. 17
"Dayton's Devils" (M)

THURS.-FRI. Dec. 18-19
"Hang 'Em High" (M)

SAT., Dec. 20
"Backtrack" (G)

SUN.-MON. Dec. 21-22
"The Brain" (G)

INCREASED ADMISSION: adults 50c, children 25c.

TUES., Dec. 23
"The Conqueror Worm" (M)

Two shows nightly at 6:00 and 8:30 p.m. except beginning Dec. 21 one show nightly at 7:00 p.m. during holidays.

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Graduates Will Hear Gen. John G. Shinkle

One of the largest graduating classes in the 17-year history of the Army Missile and Munitions Center and School will receive diplomas Friday and will hear one of Redstone Arsenal's most noted missile pioneers.

The first commander of the former Army Rocket and Guided Missile Agency, retired Maj. Gen. John G. Shinkle, will address 251 students from the U. S. and five Allied nations who are completing a variety of missile and ammunition maintenance courses.

Because of the size of the group, Col. Paul B. Schuppener, MMCS commandant, has arranged for the ceremony to be held in the Marshall Space Flight Center auditorium in Building 4200. He will be master of ceremonies and introduce Gen. Shinkle at the event which begins at 9:15 a.m. with a brief concert by the 55th Army Band.

Graduates and guests are asked to use buses that will be available in the MMCS area, departing at 9:00 a.m. for the auditorium which is across the Arsenal from the MMCS area and has limited parking facilities for private automobiles.

A graduate of the U. S. Military Academy at West Point in 1933, Gen. Shinkle became actively involved with missile research and development in 1951 at White Sands Missile Range, N. M., coordinating activities of all three services during those early days of the U. S. rocket program.

In 1956, he became deputy com-

mander of Redstone Arsenal and in 1958 assumed command of the Army Rocket and Guided Missile Agency.

Students from Denmark, Germany, Iran, Japan and Korea are among the graduates.

LT. COL. GOOCH

(Continued From Page 1)

he was the Assistant to the Defense Attache, in August 1968. Returning to the States he was assigned to the Safeguard Logistics Command and named Executive Officer in the Materiel Requirements Directorate.

A native of New Haven, Mo., Col. Gooch graduated from the University of Missouri with a B. S. in physical education in 1952. He returned to the campus in Columbia in 1964 for graduate study and was granted his Master's degree in Business Administration two years later.

He is married to the former Miss Barbara Beeisch and the couple are the parents of two children.

Col. Gooch is a member of Phi Delta Kappa, graduate scholastic honorary in education, the Association. U. S. Army, and the American Ordnance Association.

The VA's program to provide on-the-spot orientation and counseling to combat troops in Vietnam reached the one million mark in November.



LTC ARTHUR W. BROCHU

LTC Brochu Speaks To Graduates

The military system of the United States is not committed to grinding out warriors but to training men in such a manner that they will be able to play a better part anywhere and will find greater satisfaction in what they do.

So stated Lt. Col. Arthur W. Brochu to 160 graduates of the Army Missile and Munitions Center and School at a Redstone Arsenal ceremony Friday.

Brochu, who heads the explosive disposal division of the school's Unit Training Command, defended the Army's policy of indoctrination all its members in military ideals.

"Any institution must know what its goals are before it can become positive and confident," he said, adding that military ideals are an instrument of national survival but war itself is never ideal.

Lt. Col. Albert W. Braun, Director of Nonresident Instruction Department, presided over the ceremony in which two students were lauded by the Association of the United States Army for outstanding achievements and nine were cited as high graduates.

William P. Burnett, representative of the AUSA, presented plaques to PVT Charles R. Brown, Jasper, Tenn., who compiled a 96.7 in the Ammunition Records course and PVT Marvin K. Miller of Albright, W. V., who maintained a 97.8 grade average in the Ammunition Storage course. This award is presented only to those students whose grade average is 96 or higher.

Representing over one-sixth of our nation, the high grades were: 2LT Edward N. Chase, Waterbury Center, Vermont with a 93.0 in the Missile Maintenance Officer course; 2LT Guy V. Martin, Jr., Trussville, Ala., having a 91.8 in the Ammunition Officer course; Sgt. Darrell E. Knight, Tigard, Ore., with a 94.0 in Continuous HAWK Radar Repair course; SP/5 Kenneth R. Grantham of Jesup, Ga., having a 88.5 in the Nike Radar and Computer Repair course; SP/4 Karl S. Balla, Jr., Youngstown, Ohio, 92.2 in the Nike Radar Repair course; SP/4 Timothy Garvin of Staten Island, N. Y. with a 95.3 in Pershing Guidance and Control Repair course; Marine L/Cpl Paul R. Haverstick, Beechgrove, Ind., with a grade average of 92.1 in HAWK Pulse Radar Repair course; PFC Carl F. Maurer, Forest, Ill., with 91.7 in Combat Missile System Repair course; and PFC David W. Turner, Salem, Ore., compiling a 95.7 in the HAWK Continuous

Radiological Monitoring Course Set In December

The Huntsville-Madison County Civil Defense Office is seeking volunteers for a 16-hour course in radiological monitoring beginning Dec. 29.

A background in science or mathematics is best for this particular training. Details can be obtained by calling the Civil Defense Office, 536-9611.

This is one of a series of courses sponsored nationwide by the Office of Civil Defense, Department of Defense, as part of the mission to provide a system of fallout shelters essential to the protection of the population from the effects of nuclear detonation.

December 17—Dateline 1903 — Orville Wright flew his plane 120 feet in 12 seconds at Kitty Hawk, N. C.

Wave Radar Repair course. To conclude the ceremony National Anthems of Germany, Greece, Lebanon, Vietnam, and the United States were rendered by the 55th Army Band.

SOLDIER

(Continued From Page 1)

SP4 Maley was then temporarily reassigned to Personnel.

Included in the Post award is a "weekend on the town" sponsored by the Huntsville Chamber of Commerce. SP4 Maley will be treated to dinner and motel accommodations at one of Huntsville's top establishments.

The Charlie Company soldier is a 1969 graduate of Wichita State University with a B. A. degree in business administration.

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Women Taking Advantage Of MMCS Courses

Women students are a rarity at the hitherto almost exclusively male Army Missile and Munitions Center and School but more and more of them are now taking advantage of a new development in military education here.

More than 300 ladies have now signed up in the masculine-oriented curriculum. As Col. Paul B. Schupener, commandant of the international training center, puts it:

"The females are arriving by mail."

He is referring to one of the school's most rapidly growing elements — its recently established correspondence course, known as the Non-Resident Instruction Dept., (NRI).

From a small beginning in mid-1968, some 100 correspondence courses — mostly technical in nature — have enrolled more than 5,000 students of both sexes and many uniforms who mail in lessons from all parts of the globe. This compares with some 8,000 resident students who physically come here each year to attend a variety of classes.

Appropriately enough, the 5,000th correspondence student to sign the roster was Mrs. Elizabeth Reynolds who for several years has been secretary to the Director of Individual Training, which has overall supervision of the correspondence courses. Once honored as "Secretary of the Year" in North Alabama, Mrs. Reynolds signed up for an introductory

course in automatic data processing that will qualify her for more advanced training in this system which is being widely adopted throughout the Army and elsewhere to speed record keeping of all types.

As an employee of the Army, Mrs. Reynolds will get credit on her Civil Service record for completing such courses and earn extra points for promotion.

The correspondence course may be taken free of charge—including postage—by government employees, members of the U. S. armed forces and selected foreign military and civilian personnel. Military students use the courses to maintain proficiency and increase their pay in the occupational specialties.

The increased interest of women in the correspondence courses is termed "especially gratifying" by Lt. Col. Albert W. Braun, director of the Nonresident activity, and Maj. David M. Landrum who supervises the voluminous task of keeping the mail-order lessons flowing out to all points of the compass and properly grading the answers the students send back at the rate of thousands a week.

They are keeping a sharp eye on a woman student employed at a military installation in upstate New York. She has already completed a tough ammunition course and has started on the difficult Missile Maintenance studies. She may receive as many as 400 credit hours in fields of knowledge that

have been all-male for years.

The convenience of the correspondence courses and the value of the extra credits that can be acquired for military and civilian career advancement has led to an interesting spread of students registered for the mail-in instruction.

Of the 5,000 total, the active Army accounts for 2,179; Army Reserves for 813; National Guard for 336; U. S. Air Force 94; U. S. Navy 6; U. S. Marine Corps 34; Allied military, 42, including several former resident students here; and 6 foreign civilians who work for U. S. agencies overseas and take courses in such topics as Army office filing procedures and military correspondence. Civilian employees of government agencies number better than 1,500, with a large number from Army and NASA agencies at Redstone Arsenal. However, the mailing list includes addresses from Australia, Brazil, Greece, Spain, the Philippines and Sudi Arabia.

The course directors emphasize the wide choice of subjects and the fact that mailing back answers is free. If a lesson card is filled out correctly, it can be graded, scored and in return mail within 24 hours.

They note that one frequent criticism of correspondence courses — impersonality—has been greatly reduced here. Accompanying each lesson is a sheet which students can use to discuss any difficulties they may encounter. When there is a sufficient number of students in a given locality, study groups are often organized for people taking the same courses. A student counseling service is also provided.

The Missile and Munitions Center and School has used some of its top experts to prepare the course offered in its particular areas of responsibility. But if a student wants courses in other fields, lesson plans are obtained from the appropriate school, such as Infantry, Judge Advocate General, Ordnance, Finance and the like.

The graders and sorters of the lesson cards get a vicarious kick out of names of some students. So far, they've graded papers from people named Grover Cleveland,



ART IN COURSES—SP4 Jack Wall and Mrs. Betty Kelley sketch diagrams to be used in new correspondence courses being developed at the MMCS Nonresident Training Dept.

Paul Newman, Andy Williams, John Smith, Charlie Brown—and even Napoleon. They will supply information to prospective students who care to write to Office of Commandant, USAMMCS. ATTN: AJQ-TN, Redstone Arsenal, Ala., 35809.



TOUGH CHOICE—With over 100 courses to choose from, SP4 David Reynolds finds it difficult to select the one that interests him most in the MMCS Nonresident Training Dept.

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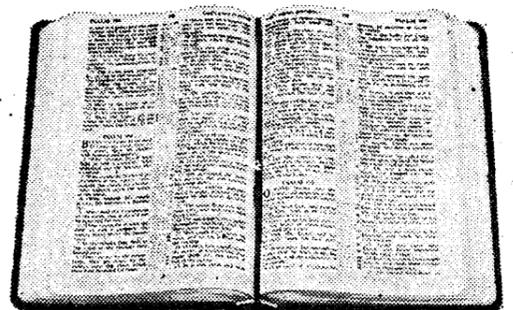
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NAMES IN THE NEWS

by SP5 Ted Beattie

With all the stars that fell on northern Alabama this past week, MMCS was also blessed with a few star studded visitors.

Heading the list was BG Erwin Graham, former commandant of the school. Gen. Graham, CG Ammunitions Procurement and Supply Agency, Joliet, Ill., served as the first commandant of the school in 1952. He returned in 1964 and was commandant until COL Schuppener took the reins. The general has been nominated for promotion to Major General.

BG Graham was accompanied by his aide-de-camp, CPT M. T. Tomlinson, Jr., also a former member of the command. He commanded the 4th ETC from Aug. 68 to June 69.

Continuing the star parade, LTG J. M. Heiser, Jr., DCSLOG, DA, visited the school and received the school briefing. CSM Raymond Garity, AMC command sergeant major, was the guest of the MMCS Command Sergeant Major, SM Bill Ansick. The sergeant major visited the EOD Division, School Brigade and made a courtesy call on the Commandant and the Asst. Com-

mandant.

Promotions

A couple of MMCS officers traded railroad tracks for leaves and two NCOs were promoted to the super grades this week. Sporting new oak leaves are MAJ David M. Tisdale, technical officer, D&NM, and MAJ Millard D. Terry, instructor, OTD. At MAJ Tisdale's promotion ceremony he went RA.

At UTC, MSG James P. Gist, Jr. and Lyndon E. Jenne were promoted to their present rank. Gist is with the EOD Div. while Jenne is "First Shirt" at 116th Ord. Det.

Reenlistments

As usual, the Reenlistment Office was busy this week as eight missile and ammo technicians raised their right hand for another hitch. SFC Charles King, Co. A, added four years to 22 years service; SP4 Danny Meemen, Co. C, decided to take six years after 21 months service; SP5 John Lampert, Co. C, with two years behind him reenlisted for four; SSG Thomas Wright, Co. C, is shooting for 20 with a four year reenlistment and SP5 Matthew Jones, Co., B, took a six year hitch.

PFC James Cruden, Hq. Co., UTC, negotiated for a six year enlistment; SP5 Billy R. Stanfill, 218th Ord. Co., added a three year commitment to his already completed six; SFC William Higginbottom, Co. C, went over 20 with a five year hitch and SFC Wylie Foster, Co. C, added three to his 14 years.

Pardon our blooper. Our report that MSG William Brigg of Hq. Co., UTC, reenlisted last week was in error. The correct name is William Buggs.

Commandant's Awards Ceremony

The Commandant, in addition to chatting with visitors, was also busy congratulating 46 MMCS personnel for their outstanding achievements. CPT Arthur H.



MSG GIST, HHC, UTC

Swisher led the parade of recipients, receiving the Army Commendation Medal. Civilian awards were: Superior Job Achievement—Richard C. Howe and Wallace N. Basking, both of D&NM; Outstanding Performance Rating—Harvey W. Adams and James D. Low, D&NM; Kenneth E. Carroll, Alton L. Connell, both of DIT; Edward F. Csar, Sherman Hazel, Lillian R. Hensely and James T. Hereford, Log. A Thirty-Year Certificate and Pin were received by Gordon R. Moon, Compt.; Charles D. Havens, Jr., Opns.; Jessie C. Seif, Freddie K. Thomas and Newell L. Varner, Log.; Charles W. Shelly, Majorie C. Tallent and Curtis A. Vandergrift, DIT and Calvin E. Thames, D&NM.

Those receiving Ten Year Ser-

vice Certificate and Pin were: Leanne H. Barnett, Gordon L. Cottrell, Ofc of Scty; Sherman J. Crawford, John T. Daniels, Willis W. Deerman, Sarah N. Erwin, Finis E. Garrett and Mary R. Gifford, DIT.

Max W. Ingram, Wiley L. Johnson, Leon C. Knowles, Eugene A. Leary, Kenneth L. Lively, Fred Lucero, J. M. Rogers, William H. Shepherd, and George W. Umlor, DIT.

Joseph R. Walters, John D. Williams, Jr., and Gordon W. Wright, DIT; Gertrude S. Ferguson, Log.; Samuel P. Horsley, Opns.; Wilfered J. Schmidt, D&NM and Billy Wood, Log.

New Arrivals

According to the Personnel Division the following officers were welcomed to the command last week: CW2 Leamon C. Jarmon, Log.; CW3 Henry H. Green, DIT and 1LT Takenore Muraeka, DIT.

UTC Reports

Hails and farewells were in order at UTC. At 217th Ord. Det., WO1 Fernando Garcia has taken command of the unit, replacing 2LT Marion W. Pearson, Jr. who is leaving for assignment in Thailand. Mr. Garcia comes to the unit from assignment at MMCS, DIT. Also CW4 James A. McCowley has moved into a new position. He is now Adjutant at UTC replacing 2LT Charles W. Brooks who is leaving for assignment in RVN.

Inspection Results

Congratulations are in order for CPT William S. Chairsell, commander of Co. C, and his men for their efforts during the FY 70 Inspector General's Inspection. Co. C became the first MMCS unit to receive a "Superior" rating on an IG inspection conducted by the School's IG office. The inspection took place 14 and 15 Nov.

Christmas Spirit

Christmas trees, silver bells and computer wreaths have begun to spring up in abundance around the MMCS campus. It's Christmas time and everyone has joined in the spirit of the occasion with decorations galore.

The most striking unit decoration is at 3rd ETC. The decorations feature Santa and his crew traveling over the roof top of the unit headquarters and a few English carolers singing the familiar hymns of Christmas. Visitors to the headquarters building are greeted with all sorts of decorations at the Receptionists desk and those who stop to read the latest news at the Information Bulletin board are greeted with signs of the season to be merry. At the Land Combat Department they have gone one better. Not only does the department have the traditional mistletoe, they also have the Missile TOW. Merry Christmas everyone!



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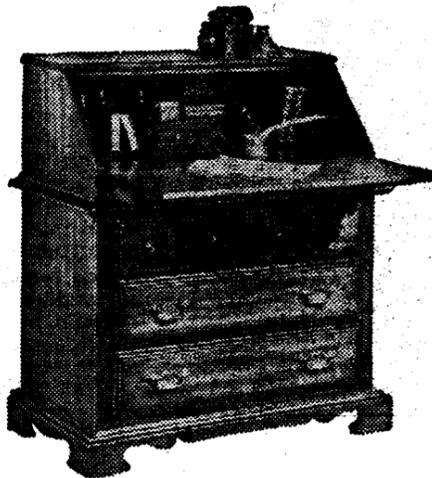
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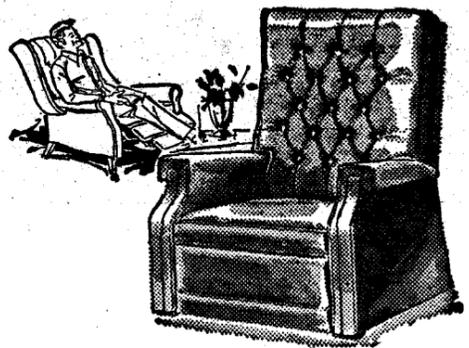
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Unbeaten Quintets Meet Friday In Showdown

Engineering Duels ICO In Feature CWF Battle

The three unbeaten Civilian Welfare Fund basketball quintets protected their clean slates last week with victories but this week's card promises to reduce the number at least by one.

Finance and Accounting made it four in a row by downing Data Processing Office, 63-55, and Engineering QA duplicated in a 67-48 conquest of the Corps of Engineers. ICO won for the third time with DASO a 76-52 victim.

In other games last week Missile Intelligence blasted Research and Engineering, 73-54; the Missile School entered the win column at the expense of Procurement and Production, 46-44; and the Metrology Lab won for the first time, 40-38 over Safeguard.

A break in the unbeaten ranks is assured on Friday with ICO taking on QA in the middle game. F & A could drop out tonight if the Corps of Engineers can spring a startling upset in the closing game.

Safeguard opens tonight's card against MMCS with DPO going against the Metrology Lab in the middle game. The opening game on Friday pits P&P against R&E and MID will take on DASO in the finale.

The league will be out of action following this week for a two-week holiday layoff. The next league encounters are slated for Wednesday, January 7.

The Accountants raced off to a 42-17 lead at the half and coasted home free against DPO with substitutes playing most of the second half.

Greg Bogue collected 14 of his 20 points and John Reppert scored all 11 of his in the first half. Danny Franklin added 12 points to the F&A attack while Michaels and Arnold collected 11 apiece to lead DPO.

QA had a battle on their hands through the first two periods, leading 27-24 at the intermission. But the second half was a different story as the Engineers were unable to cope with the hot-shooting QA players.

Don Wood was the high scorer with 21 points, one more than Neil Winterburn as the two hit 13 of 20 tosses from the charity stripe. Hamil Martin kept up his accurate shooting for the Corps with a 19-point performance.

ICO built up a 35-21 halftime bulge and methodically increased the margin the rest of the way

against the winless DASO five.

Gary Mullinax hit eight fielders and 9 of 11 free throws for 25 points while Vandy Cobb and Hall Stafford collected 16 points apiece for ICO. Wayne Jordan topped DASO with 14 and John Lubben had two less.

Gamble hit on 8 of 10 shots from the field and Thomas kept the attack rolling with 7 of 11 as Missile Intelligence disposed of R & E despite Jerry Dooley's 30 point production.

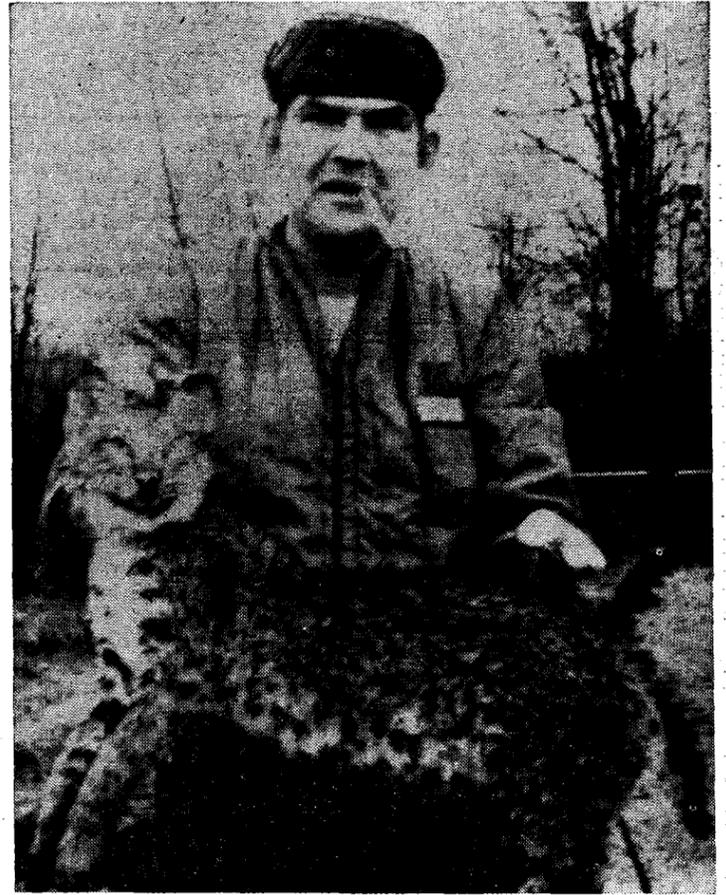
Gamble topped MID with 17 points, Thomas had 15, while Gentry and Sheppard had ten apiece.

The School Cagers jumped off to an early lead and then had to stave off a desperate P&P rally to account for their initial win. Procurement trailed 43-34 going into the final period and came within a single goal of making up the difference.

Larry Veach was the only School shooter in double figures in scoring 10 while Julian Newman hit for 17 in the losing cause, and Jay Allen added 11 more.

Another last period rally ended two points short when Safeguard tried desperately to overhaul a Metrology lead. Metrology led 26-18 at the half and extended the margin to 37-25 after three periods.

Dave Parker topped the winners with 13 points while Wayne Smith was the best Safeguard scorer with 10.



SPOTTED KITTY CAT?—SFC John J. Meilbeck, Co. B, MMCS, holds the 15-lb. female bobcat he shot this past week in hunting area 31. According to the Game Warden's office this is the first bobcat shot this year on post.

Delta Gains Sole Lead With Sweep

The three-way tie for first place honors in the Brigade Bowling League was unscrambled last week as the Delta 88s won four points while Co. A and UTC were handed mild set backs.

Headquarters Company's 94-Plus overcame a couple of 590 sets rolled by newcomers to Co. B's squad to hand the Bravo team a four-point lashing that moved Hq. Co. to fourth place, three points behind the league leaders.

Bobby Shaw and William Kirkpatrick rolled 534 and 533 respectively for Bravo while the Mike Katz-Harry Kretlow duo paced 94-Plus. Shaw also rolled a 214 game.

In the mad dash for first place, Co. A missed a clean sweep of their match with the Low Balls by dropping the first game, but came back to take the remaining games and total pins. Luther Gideon and George Mitchell rolled the high games for Alpha, hitting a 528 and 503 respectively.

Next door the Delta 88s got back on the winning track, smashing 3rd ETC. The win put the 88s back in the drivers seat, one point ahead of Co. A. The usually hot 88s, had only one bowler to hit the 500 mark as Stan Baker posted a 539.

Further down the lanes, UTC ran into a stubborn 522d Ord. Det. quint and had to settle for a split that forced them to take the third place spot, two points off the pace. Billy Quinton and Billie Price shot 500 sets for 522d enroute to a 1007 game. Hayes saved UTC with a 523 and a 209 game.

Benny Reutsch of Nuclear Weapons posted the evenings highest three-game total and the high single game but Co. C overpowered the Nukes 3-1. Reutsch hit the maples for a 569 and a 227 game. Company C was paced by Frank



HUNTMASTER SCORES FIRST—Capt. Ronald Everhard showed his fellow members of the Redstone Rod and Gun Club how it's done when he downed a six-point buck on the first day of the Clubs' special four-day deer hunt. The EOD officer is serving as huntmaster for the hunt that is being held on the Arsenal. Today is the third day of the hunt that will be concluded on Friday.

Holmes' 526 and Dan Parham with 547.

Elsewhere in the league 200th Ord. and Retired played to a 2834 total pin tie with Larry Mekanani and Edgar Mitchem supplying the punch for Retired and Ed Kohrs and Cliett Hartwell spilling the pins for 200th Ord. Half and Half split its series with 1st ETC and the Five Aces took three points from Nike Track.

IEEE MEETING

The Institute of Electrical and Electronic Engineers Automatic Control Group will meet tomorrow at 7:30 p.m. in the auditorium at the University of Alabama Research Institute.

The speaker, Dr. K. S. P. Kumar, is an associate professor of electrical engineering at the University of Minnesota. His topic is "Non-linear Filtering with Applications." Interested persons are welcome.

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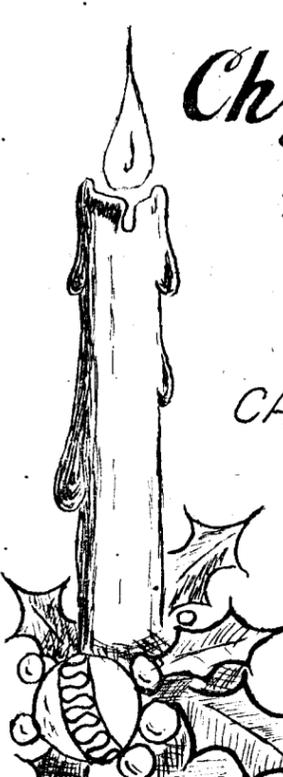
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Cannino, Veach Called 'The Best'

A pair of quarterbacks were named most Valuable Players in the two divisions of the Unit Level Touch Football league this fall with the best lineman awards going to a pair of pass-catching ends.

The awards were voted to the players by the league officials with the presentations made at the league awards ceremony at the Service Club.

The Missile Command captured the league championship with a playoff win over the American League winning D Company team.

Roy McClanahan, of the championship MICOM team, was named lineman-of-the-year for the National League with the Most Valuable Player honor in that loop going to Rod Cannino, who quarterbacked the 200th Ordnance.

The Division-winning Delta team swept the American League honors. Rod Veach was named Most Valuable Player and Ike Morrison gained the nod as Lineman of the Year.

Williams Heralds Return With 585

It took a few nights to get back to the swing of things after being idle last season, but Hal Williams feels he is ready to start blasting the maples with his former gusto.

The Arkansas Traveler had his mineralite humming last week to tune of a 585 total in capturing the Supply and Maintenance League's Bowler of the Week award.

Williams' total that included a 211 game, enabled the Reba Bowling Apparel quintet to take three out of four from Tad's.

Starlite held onto first place by a single point despite dropping three to the Road Runners when the Auto Center suffered the same fate at the hands of the Bushwackers.

Mike Henriksen shot a 548 in setting the pace for the Runners and Jerry Cutcher shot a 214 game and a 532 series for the Wackers.

In the other match on the weekly card the All-Sports won a 3-1 decision from Stock Control as Gene Espy turned in a 577 card.

way to his big series as the Main Frames and the Bedell Florists broke even in team play.

The third place Lucky Strikes had to be satisfied with another split in their scrap with the Spares. Ray McCormack topped the Strikes with 540 and Helen Matthews turned in a 203 game. Howard Jess turned in a 536 card for the Spares.

The Jesters were clean sweep winners over the Alley Oops and The Whiskers gained a split with the Skonks as Don Duchess shot a 525 series.

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Top Comp Center Four Dusted Off

The runaway hopes of the North Alabama College of Commerce team in the Comp Center Mixed League ran into an unexpected snag last week when the Gutter Dusters outscored the leaders in each of their three games.

Jimmy Chandler and Bob Brooks played the leading roles for the second placers in their upset win while John Jones shot a 516 in the losing cause.

Charles Bagwell outdistanced Wayne Spurrell in a head to head clash to capture individual scoring honors for the week, 580 to 543. Bagwell shot a 221 game on his

UNIT LEVEL BASKETBALL

Standings thru Dec. 13

National League

	W	L
8th ETC No. 1	3	0
MICOM No. 1	3	0
C Company	2	0
3rd ETC	1	1
522nd Ord	1	1
249th Ord	1	1
Mil Police	1	1
MICOM No. 3	1	1
6th ETC	1	2
200th Ord	1	2
A Company	0	3
Marines	0	3

American League

5th ETC	3	0
D Company	2	0
9th ETC	2	1
563rd Ord	2	1
B Company	1	1
218th Ord	1	1
SOC/HHC	1	1
MICOM No. 2	1	1
7th ETC	1	2
95th Cal	1	2
1st ETC	0	2
8th ETC No. 2	0	3

Games Played Last Week

C Co., 54; 3rd, 23
 MICOM, (1), 75; 249th, 41
 B Co., 63; 1st, 23
 D Co., 60; 563rd, 58
 522nd, 58; 200th, 46
 6th ETC, 62; Marines, 30
 218th, 45; 95th Cal., 40
 5th, 82; 8th (2), 30
 8th (1), 51; MICOM (3), 35
 MICOM (1), 59; A Co., 43
 200th, 45; Marines, 35
 563rd, 58; 8th (2), 30
 7th, 42; MICOM (2), 25

December .. — Dateline 1884 —
 Army engineers completed construction of the Washington Monument.

Veterans whose service-connected disabilities are rated 50 per cent or more are entitled to additional allowances for dependents.

Contract Management Group Meets Tuesday

The Huntsville Chapter, National Contract Management Association will meet on Tuesday, at the Huntsville Country Club at 6:30 p.m.

The speaker will be William L. Clark, vice president, Washington

Office, for the Aerospace and Systems Group of North American Rockwell Corporation. His subject will be "Public Misunderstanding of Advanced Technological Systems Procurement."

Members and non-members are invited to this meeting. Fred Powers, 883-3302 is responsible for reservations.

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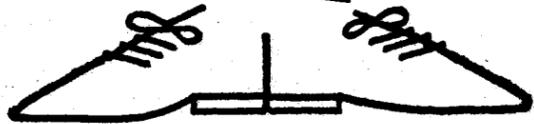
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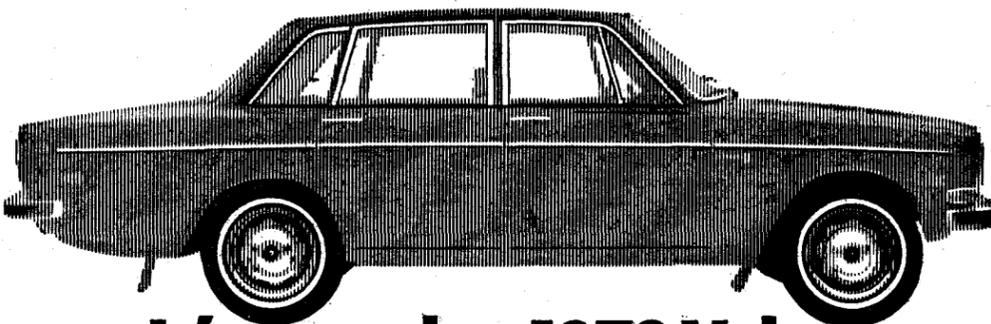
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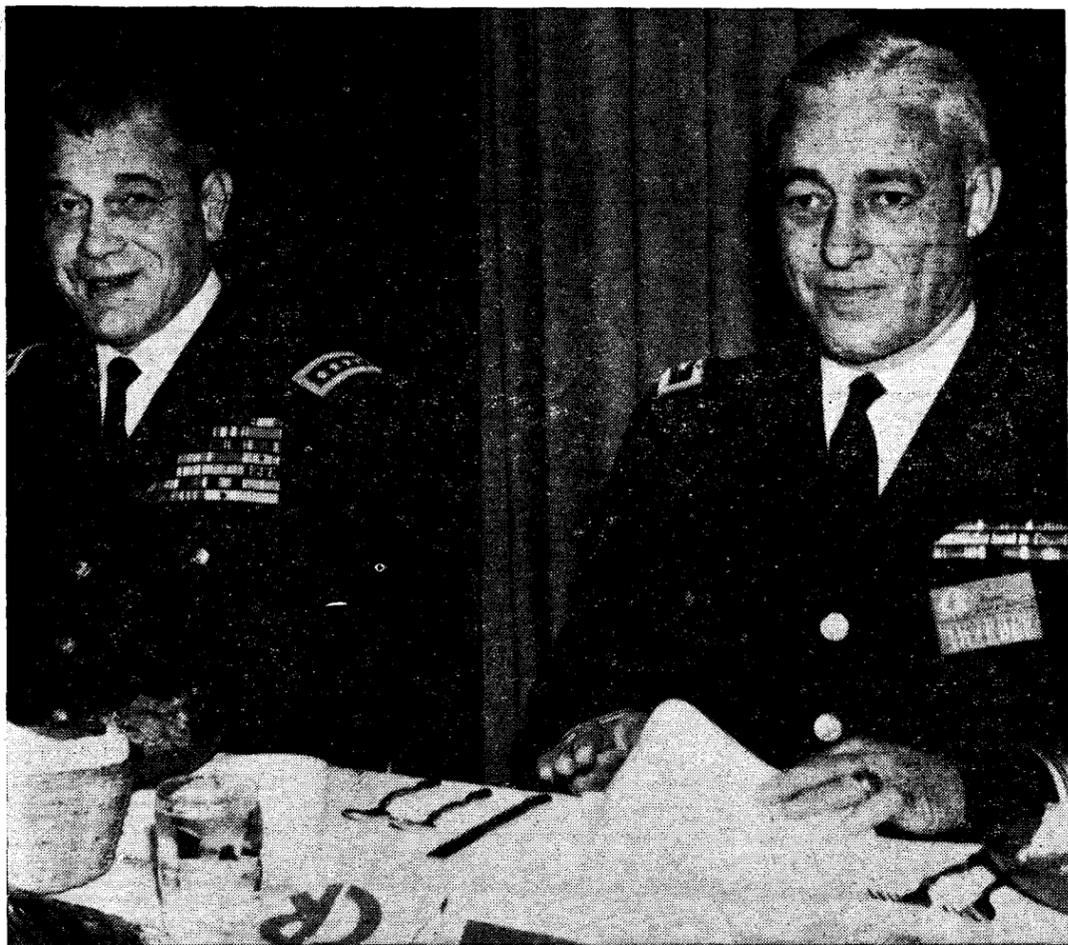
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Cost Reduction Activities Highlight Week



ARMY CHORUS WAS SMASH HIT—Performing to standing ovations, the Army Chorus took Huntsville by storm. The talented group was one of the highlights of the Army Materiel Command's awards ceremony. The chorus performed at all three ceremonies and was widely acclaimed for its musical variety.



ARMY'S TOP MISSILEMEN—Gen. F. J. Chesarek and Maj. Gen. Edwin I. Donley pause for a cameraman during the Army's National Cost Reduction Awards ceremony last week. Gen. Chesarek had warm praise for 175 of his people who helped AMC save \$223 million during FY 69.



STARS IN HER EYES—Peggy Bridges of the Army Missile Command had stars in her eyes as she arranged the coats of four four-star officers attending a joint Logistics Commander's Conference at Redstone last Tuesday. The four-star officers are: General F. J. Chesarek, Commanding General, U.S. Army Materiel Command, the host; General James Ferguson, Commander, Air Force Systems Command; Admiral I. J. Galantin, Chief of Naval Materiel, Naval Materiel Command; and General Jack G. Merrell, Commander, Air Force Logistics.

Innovators who can find ways of doing a better job for less are the real need of the Army Materiel Command in the opinion of General Ferdinand J. Chesarek.

Addressing the closing session of the AMC National Cost Reduction Award Ceremonies in Huntsville Thursday, Gen. Chesarek put it bluntly:

"When we look at the defense budget situation, only a miracle can pull us through. You people are our miracle," he said speaking directly to the civilian employees being honored for achieving major cost savings.

The general's remarks were but one of the highlights of the two day event which also included major addresses by Lt. Gen. Joseph M. Heiser, the Army's deputy chief of staff for logistics, Dr. H. W. Ritchey, president of Thiokol Chemical Corporation, and William K. Brehm, Assistant Secretary of the Army (Manpower and Reserve Affairs).

Gen. Heiser said in remarks Thursday night: "War and Efficiency are words that have never been coupled before, but they are now . . . and it's right." He said the Army was making an all out effort to fight efficiently and cited as an example, a billion dollars saved in the past fiscal year by Army forces in combat, more than \$400 million of which was achieved by cancelling prior orders for equipment.

"Never before in history have we attempted to regulate a (supply) pipeline in time of war, but we're doing it now," Gen. Heiser said.

Praising the individual cost reduction achievement award winners, Gen. Heiser said: "We stand or fall by the way we follow their example.

"If we in the Army can save five cents of every dollar of tax money we spend, maybe the President will be able to sign a tax bill with an \$800 exemption. This business of cost reduction is that personal."

Gen. Heiser said major cost reductions must continue to come from AMC which spends more than half of every dollar spent by the Army.

AMC realized cost savings of \$223 million in FY 69.

Wednesday night at ceremonies honoring contractor employees and firms who made major contributions to the AMC program, Dr. Ritchey said defense industry has saved to date more than \$11 billion. He cited the figure as a total arrived at by his survey of 92 aerospace contractors in which they were asked to give examples of providing value "above and beyond" that expected or required by contract.

After listing examples, Dr. Ritchey said: "these illustrations are tangible proof that our industry is at least as dedicated to de-



THEY WELCOMED VISITORS—Glenda Weltri (left) and Belinda Missile Command, were two of the pretty ladies who were hostesses. Both are employed in the Missile Intelligence Directorate.



HONORS FOR SECRETARY BREHM—William K. Brehm, Assistant and Reserve Affairs) and Brig. Gen. George H. McBride, Deputy Missile Command, salute the colors during ceremonies at Redstone last week for Secretary Brehm who was guest speaker at the Army Materiel Command's National Cost Reduction Awards Ceremony in Huntsville.

'Bowler Of Week' Honors Elude Raider Ace Again

Ed Gilgenast must be wondering just what it takes to win "Bowler of the Week" honors in the AMC-Civilian Welfare bowling league after a couple of near misses the last two weeks.

Two weeks ago the transplanted Philadelphian shot a 606 but lost out to his team mate, Jim Goodman, when the handicaps were added. Last week it was more of the same when Slim Wilson's 715 total was more than Gilgenast could muster despite a 620 scratch.

Gil put together games of 200, 209 and 211 in pacing the Raiders to a 3-1 win over the Bandits in a battle for first place. The win enabled the Raiders to boost their lead to two and a half points a week before the end of the first half.

Bob Evans turned in a 553 and

Goodman came back with 548 as the Raiders shot a 3024 total on games of 1003, 1020 and 1001. The Bandits were only able to ash in on the middle game when John Goltz rapped 225 to highlight a 1046 game. Goltz ended the evening with 574 and Fred Helmer chipped in with 543 for the second placers.

Four teams ended the evening in a tie for third, the All-Sports, Travellers, Bombers and Voyagers. The Sports took all four from the Travellers, the Voyagers dropped four to the Rejectors and the Bombers won three out of four from the fading Avengers.

Wilson accounted for the demise of the Voyagers by turning in games of 232, 171 and 207 for a 610 scratch total.

Hugh Valentine was the king-

pin in the All-Sports cause with a 565 and Walt Heflin set the pace for the Bombers with 534.

The Lancers contributed most of their marks in one game but made it pay off for two points against the Wonnors. Ken Champagne was the top man in the 1083 effort with a 223.

The Alley Cats halted the Tigers charge by winning three as Karl Bayer shot a 538 and the T-Birds slowed their reversal by blanking the Jokers.

The final match on the card saw the Metro-Cals and the Sprinters battle to a draw. Jim Kyzer hit for 551 for the Sprinters while Joe Brewer knocked out a 578 and Pete Coulter added a 541 for the Metrology Lab five.

A veteran who must complete high school training in order to qualify for higher education may receive an educational allowance which will not be charged against his basic educational entitlement.

Missile Command Girls Win As Safeguard Falls

The two Civilian Welfare Fund entries in the Huntsville Women's basketball league are completing their pre-Holiday phase of the 1969-70 season this week and looking forward to a little better luck when play resumes after the first of the year.

The Missile Command girls had captured four wins against a single loss up to Monday's clash with Fashion Two-Twenty. Safeguard went into this week's game with RCA with a single win to their credit.

In last week's play MICOM shot down RCA, 52-30, but the Safeguard girls dropped a 71-35 decision to the unbeaten General Electric six.

MICOM had little trouble in disposing of the winless RCA team and Coach Jack Bissinger took ad-

vantage of the opportunity to use all 15 members of the team. Eight players broke into the scoring column including a pair of regular guards who were given a chance to play in the fore court.

Gladys Hill continued to dominate the scoring with 22 points and her regular running mates, Wynelle Pennington and Joyce Ingram, added 8 and 6 respectively.

Carol Bissinger and Evelyn Smith got a chance to get into the scoring act and responded with 8 and 5 points and Jane Bryant completed the scoring with 3 points.

GE grabbed a quick ten-point lead over Safeguard behind the accurate shooting of Peggy Clark and was never threatened seriously in posting their fifth straight win following an unbeaten season last year.

Linda Haygood popped in 16 points to lead the Floyd King-coached Army team and Doris Wallace contributed 12 more. Gretchen Bigham hit for 6 and Yvonne Starkey completed the scoring with a foul shot.

MICOM Shooters Top Bendix, 3-0

Another near perfect run by Casey Shipp inspired the Missile Command skeet shooters to a 3-0 win over Bendix in a Pine Bluff winter skeet league match last week.

It was the second clean sweep for the Civilian Welfare Fund-sponsored MICOM team in three matches. Only the unbeaten Misfits have been able to outscore the Army team.

Shipp broke 49 out of a possible 50 targets to duplicate his performance in the opening match in setting the pace for the win over Bendix.

Joining the Safeguard engineer in the MICOM lineup were Bob Thomas, Lou Hurt, Bob Noack and Joe Donahue.

The Army team will be idle until January 6 when they return to the Pine Bluff Skeet Club to challenge the Marshall Space Flight Center's Gyro Lab.

War veterans who are totally and permanently disabled from service-connected causes can now receive outpatient care at VA hospital clinics for conditions not connected with their military service as well as for service-connected conditions.

livering quality at the lowest cost as it is in making a profit."

Responding to critics of the military-industrial complex, Dr. Ritchey said if such a conspiracy exists it has been a "miserable failure." He pointed out that Defense spending in FY 70 will account for less than 40 percent of the federal budget, second lowest percentage in 12 years.

He said that while U. S. manufacturing industry as a whole showed a five percent increase in profits in the first nine months of this year, the aerospace industry saw profits decline by 14 percent.



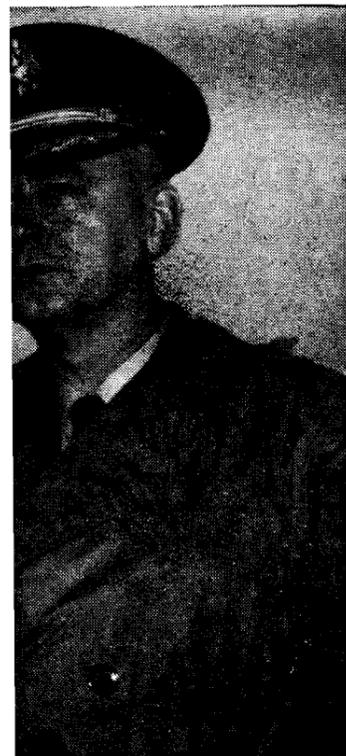
REDSTONE VISITORS SEE TOW—Lt. Col. Robert W. Huntzinger (right foreground), TOW Project Manager, shows a model of the Army's tank-killing missile to top military visitors at Redstone Arsenal Tuesday. From left are Gen. F. J. Chesarek, Commanding General of the Army Materiel Command; Adm. I. J. Galantin, Chief of Naval Materiel, Navy Materiel Command; Gen. James Ferguson, Commander, Air Force Systems Command; and Gen. Jack G. Merrell, Commander, Air Force Logistics Command. The four-star officers gathered at the Army Missile Command for a Joint Commanders' Conference.



INDUSTRY AWARDS—Maj. Gen. P. A. Feyereisen, Deputy CG, Materiel Acquisition, chats with three of the key participants in the program before Wednesday night's award ceremony for contractor firms and their personnel. From left: Dr. H. W. Ritchey, President, Thiokol Chemical Corporation; W. K. Brehm, Assistant Secretary of the Army (Manpower and Reserve Affairs) and Maj. Gen. W. N. Redling, Deputy CG, Logistics Support. The two general officers from AMC Headquarters were among many participating in the two day cost reduction event.



tian, both secretaries at the Army s during cost reduction ceremon-



cretary of the Army (Manpower mmanding General of the Army e Army Airfield. Occasion was uring the Army Materiel Com-



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Families Take To Motorcycle Riding Trails

Want a new recreational hobby for the family? Many Army Missile Command employees and their families are taking up motorcycle trail riding and having the time of their lives. To many, the thought of joining a motorcycle club or riding the

two-wheeled steeds conjures up visions of black leather jackets, unruly gangs, and roaring, reckless riders through the streets.

However, Redstone Arsenal motorcycle enthusiasts present a totally different picture that makes riding them a popular sport for

young and old.

Richard C. Anderson, Product Assurance Engineer in the TOW Project Office recently bought three Italian motorcycles for his family, Anderson, who has started motorbike riding in his mid-forties, purchased the 106 cc Gileras for

his wife Elsie, his 14 year old son George, and himself.

Typical of the growing "trail riding clan," John D. Phelps, Lab Chief of the Missile Intelligence Division Photo Lab, has a Sherpa

T Bultaco special that he rides. He recently purchased a Honda 90 trail bike for his 11 year old son, John Jr., and is now in the process of teaching his wife Barbara (See FAMILIES on Page 13)



IT'S A FAMILY AFFAIR—Richard C. Anderson, left, his wife Elsie, and 14-year-old-son George, get ready for a trail ride. The Andersons are like many other Redstone Arsenal families who have taken up trail riding as a family recreation project.



A STABLE OF MECHANIZED STEEDS—Carl Berry, Chief, Product Assurance and Test Division, TOW Project Office, looks over some of the 12 motor bikes that he has collected. Berry collects and works on motor bikes as his hobby and enjoys trail riding with his 11 year old son, John. His collection includes an old 1939 model Harley-Davidson as well as a new 1968 Italian Gilera.

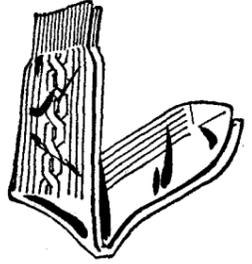


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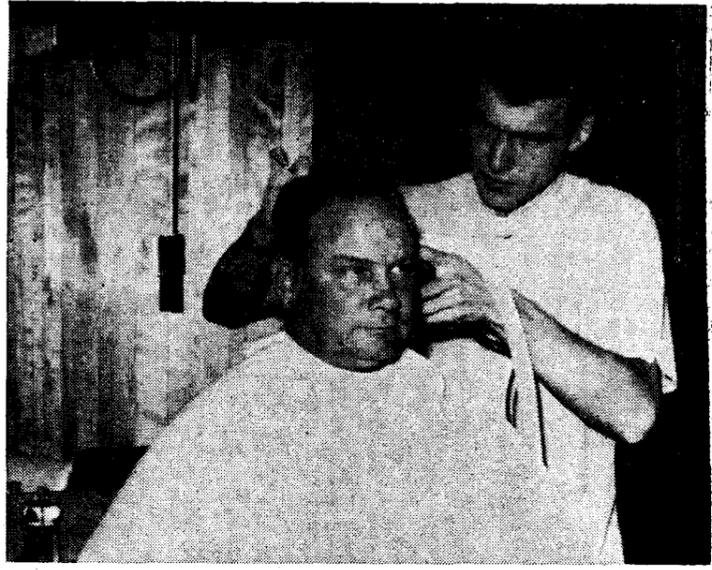


Army Develops More Accurate Non-Metallic Mine Detector

FT. BELVOIR, Va. (ANF)—An improved non-metallic mine detector has been developed by the Electrical Equipment Branch, U.S. Army Mobility Equipment Research and Development Center. Called the ANPRS-7, the new model is more accurate in detecting anti-vehicle and anti-personnel mines than the current model. Moreover, it is lighter, longer

lasting, safer and more easily maintained. By using solid state components and printed circuitry, the new model weighs only nine pounds as compared to the current, 18-pound model. The electronic package of the ANPRS-7 is smaller than that of the current model and can be attached to the detector's handle or the operator's belt. The

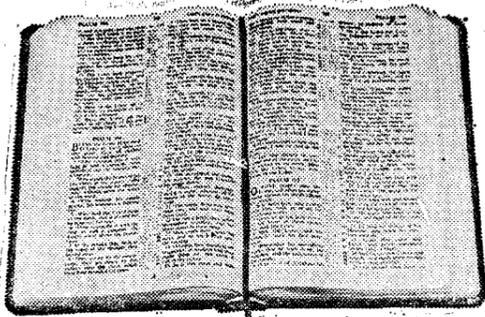
electronic pack of the current model is worn on the operator's back. Battery powered, the new detector can operate 25 hours, whereas the current model's operating life is eight hours. Improved operator safety is provided by a low voltage alarm which indicates faulty operation. Maintenance requirements have been reduced by replaceable modules and an easily-removed oscillator assembly. An external plug adapter enables operation in low temperatures. The detector is operated by sweeping the search head slowly over the ground. If a mine is detected, an audible signal is produced. Initial deliveries in a procurement of 1,000 detectors started in October.



VICTORY WITH ALL THE TRIMMINGS—That serene look on the face of Col. James L. Keown represents successful conclusion of a two-year campaign to open a barber shop at the Redstone Officers Open Mess. Marlin Simmons administers to the MMCS School Brigade commander at the shop now open from 1000 to 1800 hours six days a week. Appointments are made by calling 837-0970.

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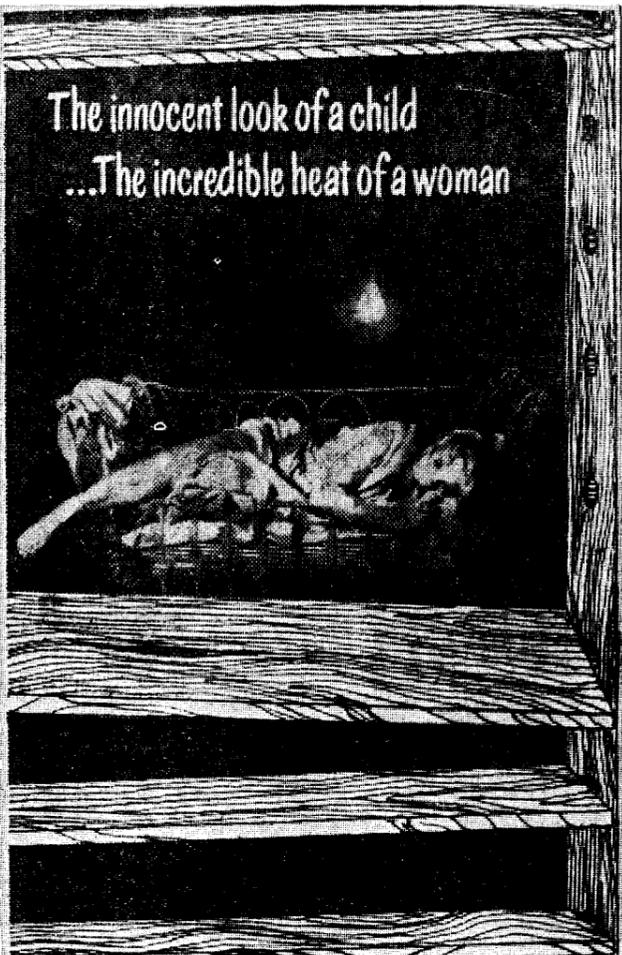
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The Walter Reade Organization and Les Films Corona present William Holden, Virna Lisi, Bourvil in a film by Terence Young—**"The Christmas Tree"**—introducing Brook Fuller. Produced by Robert Dorfmann. Color by Movielab. World Premiere Thursday, September 25th, Radio City Music Hall.

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NCO Wives Sponsoring Ballet Class

Ballet Recital Set At NCO Open Mess Sat. Morning

Ballet classes sponsored by the Redstone Non-Commissioned Officers' Wives Club will present a recital at 10:30 a.m. Saturday in the NCO Open Mess. The 37 students are the children of military personnel, and range in ages from five to 10 years old. Miss Kathy Nichols is the instructor.

The program will be made up of 22 different dances and a special feature, a pas de deux from "The Nutcracker," to be performed by the assistant instructor, Miss Laura Gates, and Michael Sweigart of the Huntsville Ballet Company.

Highlights of the program will include "Silent Night," "The Drummer Boy," "The Twelve Days of Christmas," and "What Child is This?"

Anyone interested is invited to attend the recital.

For information about enrolling children in the classes, call either Mrs. John Mazikowski, 539-1800, or Miss Nichols, 837-6178.

Soldier's Hooch His Castle

Rarely is a soldier's hooch his castle. However, at Fire support Base Jamie near Tay Ninh, Sfc George D. Van Landingham has built—without spending a dime—a wood-paneled, underground bunker that comes close to being a castle. "The Colonel says he might move in when it's all finished," said the sergeant from Alexandria, Va. The bunker's nine-by-10 foot wood floor lies six feet underground. The sergeant and his men cut 12-inch diameter trees to support the roof of engineer stakes and sandbags. The paneling is made of 105mm howitzer boxes. Future plans call for a bookcase, TV, rugs and a patio with a coffee table and lawn chairs. "Living in the Army is what you make it," concluded the sergeant. (ANF.)

Career Opportunities Day Slated During Vacation

The Huntsville Chamber of Commerce is sponsoring the Third Annual Career Opportunities Day at the Community Center Dec. 30 from 9 a.m. to 5 p.m. The date was picked to give school vacationers a chance to learn about job opportunities and the training needed.

Representatives of government, industry, business and educational institutions will be on hand to

provide information about specific work areas.

Those planning to finish college, high school or manual and technical training are all invited to visit the community center and talk with representatives who are actually working in the field in which a young man or woman is interested in entering.

These representatives will have facts on the amount of training and the type of training needed for a young person to achieve his goal.

The Missile Command Training and Development Division of Civilian Personnel will be represented.



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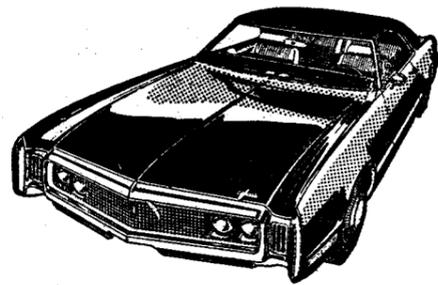
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FAMILIES
(Continued From Page 10)

to ride. One of the veteran bike riders on the Arsenal, Carl Berry, Chief, Product Assurance and Test Division, TOW Project Office, has been pursuing his hobby for the last 32 years.

In addition to trail riding, Berry likes to work on motorbikes in his spare time. He has a total of 12 motor bikes in his garage ranging from a 1939 Harley-Davidson, a 1950 Matchless and a 1956 Maico to a 1968 Italian Gilera.

Barry and his 11 year old son John love to ride trail and while his wife does not ride, she frequently goes along to lay out routes for the trail rides.

Not content with trail riding and tinkering with his motorcycles, Berry also serves as instructor teaching novice members of the NASA Marshall Space Flight Center Motorcycle Club how to ride and practice safety procedures.

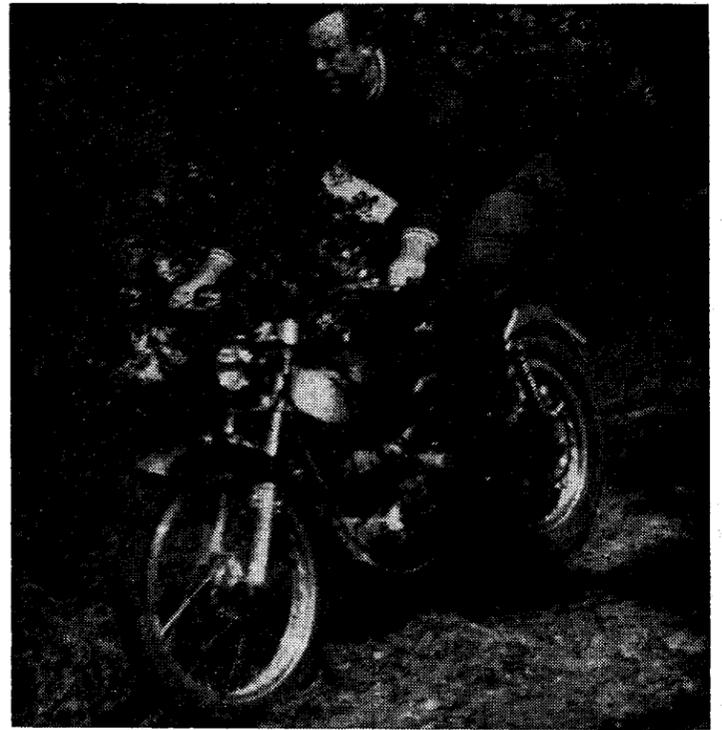
Don Williams, Chief, Systems Support Division, TOW Project Office, has been riding motorbikes 30 years and has a Suzuki 250 Scrambler. His son, Don Jr. 14, has been riding for three years and has his own Suzuki Trail Bike. Wife Pattie Sue is a veteran of three months riding experience and rides a Yamaha Twin Jet Motor Bike.

Most of the trail ride enthusiasts load their motor bikes on trailers and haul them to different areas where there are old roads and trails winding through the moun-

tains and countryside. Many families take picnic lunches and their cameras along and make the trail rides a regular family outing.

With interest reaching a new high, personnel on Redstone Ar-

senal are starting plans for a motorcycle club. Anyone interested in becoming a member should call one of the following: Carl Berry, 852-8092 or John Phelps, 881-0803. Membership is open to military and civilian employees.



HITTING THE TRAIL—John D. Phelps, Lab Chief of the Missile Intelligence Division Photo Lab, rides his motor bike down one of the many trails on Green Mountain. Phelps has a Sherpa T Bul-taco motor bike built especially for rough trails and terrain. He recently purchased a motor bike for his son and is now teaching his wife Barbara to ride.

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Engineers Find, Return Buddha

Thanks to Sp4 Juan M. Jimenez, Palm Springs, Calif., a Buddhist temple in the Son Tinh District is now richer in spirit. A demolitions expert with Company B, 26th Engineer Battalion, 198th Infantry Brigade, Specialist Jimenez found a stone and cement statue of Buddha in a deserted NVA bunker. Realizing the statue's religious value to the Vietnamese, Jimenez hitched a ride with Pfc John F. Hunsberger, a bulldozer driver from Somerset, Ky., and rumbled back to base camp with the 100-pound Buddha as a passenger. Once reaching the base camp, Jimenez turned over the statue to Battalion Commander Lt. Col. Donald R. Swygert of Ballentine, S. C., who presented the Buddha to religious authorities. (ANF)

Although veterans covered under the World War II G. I. Bill were entitled to receive \$20-a-week readjustment allowances for 52 weeks, the average veteran received the allowance for only 19 weeks.



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6. Pets

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5. Houses, Lots - Sale

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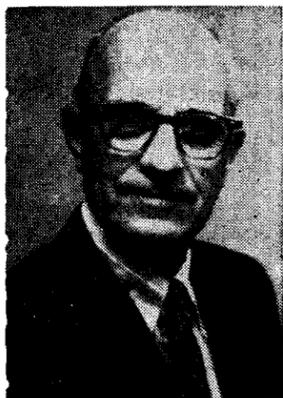
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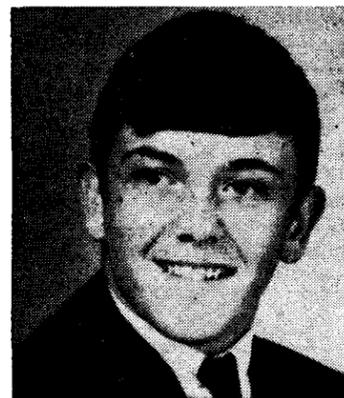
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Hospital, Clinic Workload Heavy At Redstone

Between 40,000 and 50,000 people are the clientele of the fluctuating medical staff in the clinics at the U. S. Army Medical Department.

With between 12 and 16 doctors on the medical staff, the potential workload in case of a disaster staggers the imagination even though the normal 200, a day patient load excluding the Ob-Gyn clinic, is handled with dispatch. Some of the needs for pharmacology such as headaches and stuffy noses can be handled by the noncommissioned officer in charge of dispensary B where the troops normally are seen. The drugs are the type which the average citizen buys at the local drug store as a matter of course. This helps relieve the doctors workloads to attend to more serious medical cases.

The troop dispensary opens its

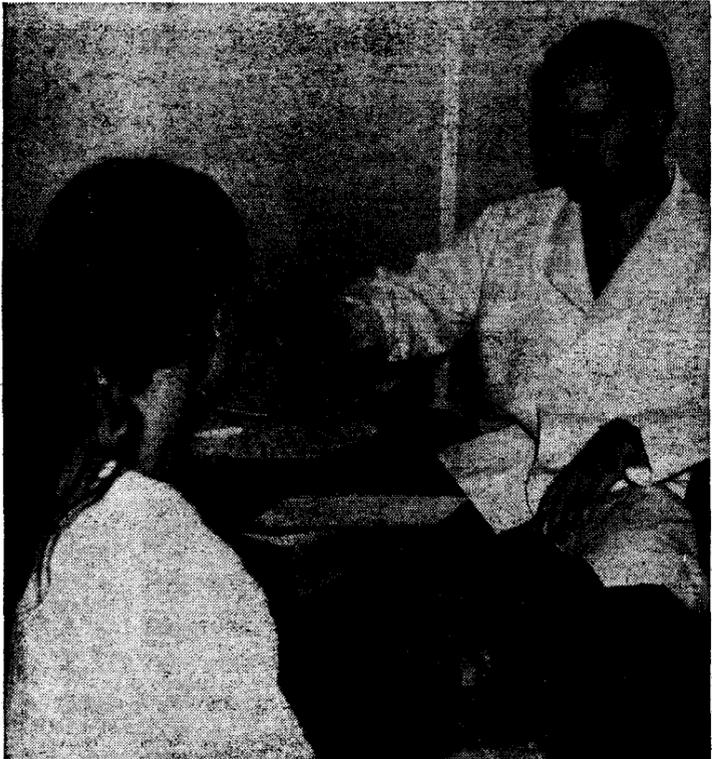
hospital.

One man is a qualified flight surgeon who attends the needs of the staff at the U. S. Army Airfield. The psychiatrist's office is in Dispensary B; the radiologist is in the hospital proper and so are the gynecologists and the nurse clinicians who care for expectant mothers. The OB-Gyn clinic is open on Tuesdays and Thursdays. The surgeons usually schedule operations on Mondays, Wednesdays and Fridays.

An officer of the day is always on duty for around-the-clock emergencies. Physical examinations among the Army clients is a continuing process for those retiring or otherwise due for check-ups, but the run of dependents comes in bunches when it is time for a college checkup or a Scouting outing.



SHOTS—Capt. Dorothy Clark administers a shot to a patient at the Outpatient Clinic operated by the Redstone Arsenal Army Medical Department.



CONSULTATION—Dr. Rush McInnes, one of the doctors on the staff at the Outpatient Clinic, talks with a patient—an Army dependent.

doors at 7:00 a.m., but since the school has students in night classes they handle a second sick call at noon.

Almost 1100 pediatric patients visit the clinic each month, some of them as well babies, some as postpartum clinical patients, and many with ailments both minor and major.

Two-thirds of the patients who visit the Army medical facilities here are either dependents or retired. Another 5,000 to 6,000 are civilians who receive annual physicals by the three doctors on the staff of the Occupational Health Clinic and X-rays and other laboratory services at the Army

The hospital prefers appointments by the patient, but they sometimes sandwich walk ins at the clinic between the scheduled patients. The walk in patients are quite apt to have to wait for long periods of time, if all the appointed patients appear as scheduled. Patients who call for appointment will have priority.

Eligible patients are scattered over a radius of more than 100 miles, including both Tennessee and Alabama.

The doctors feel that they can handle about 55 to 60 men an hour at the dispensary and another 40 to 50 at the outpatient clinic. The staff internist sees people only by appointment. And in addition, a diabetic clinic is held on Wednesday afternoons.

As a supplement to the staff psychiatrist, a civilian psychologist is a member of the Occupational Health staff.

In addition to all this, immunization schedules encompass Army Civilians and the active Army — all healthy people who want to stay that way.

Shot records are kept up to-date for globetrotting civilian and military people whose job may demand a specific service anywhere in the free world.

CHRISTMAS ASTRONOMY

Ronald D. Fertie of the Marshall Space Flight Center will present three showings of the "Night Skies of the First Christmas" Sunday at the Rocket City Astronomical Association Planetarium.

Show times are 1:30 p.m. 3 p.m. and 4:30 p.m. For information and group scheduling, interested persons can call 881-3700.

The overhead projection screen will depict the heavens as they appeared at the time of Jesus birth and explore the continuing mystery of the Star of Bethlehem.

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He sees that those who are tapped for recognition have better-than-average communications and human relations abilities. And he realizes these are natural talents possessed, but not always used, by every man and woman. The secret is to make better use of one's parental talent to exchange ideas with other people and get along with them.

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7.00-13	7.00-13	6.95-14
7.25-14	4 for \$110	
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7.75-15	4 for \$130	
8.25-15	4 for \$140	
8.25-15	4 for \$150	
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8.25-15	4 for \$170	
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All prices PLUS \$1.79 to \$2.83 per tire Fed. Exc. Tax (depending on size) and 4 tires off your car.

Tubefless whitewalls Add \$4 per tire

America's most asked-for-by-name tire!

• High performance construction
• Flat tread contour for maximum traction
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GUARANTEED IN WRITING

- ✓ 36 months or 50,000 miles
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- ✓ 24-hour emergency tire disposal
- ✓ 24-hour emergency tire recycling

Charge it! Convenient budget terms!

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Firestone WIDE OVAL

Discontinued Design Tires

Big selection... white strips, red strips, blackwall... nylon or polyester cord... raised white letters.

\$22.50

Plus \$2.24 per tire Fed. Exc. Tax and tire off your car.

Plus \$2.24 per tire Fed. Exc. Tax and tire off your car.

\$23.50

Plus \$2.30 per tire Fed. Exc. Tax and tire off your car.

\$24.50

Plus \$2.50 per tire Fed. Exc. Tax and tire off your car.

Firestone DLC-100 NEW TREADS

RETREADS ON WORN TIRE BODIES OR ON YOUR OWN TIRES

ANY SIZE LISTED

\$10

7.35-14 7.35-15 8.50-15
8.95-14 8.95-15 7.00-13

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Plus 3% to 5% Fed. Exc. Tax and applicable tire of same size off your car.

Your best economy buy
Firestone CHAMPION

2 \$19.90

8.00-13
Tubefless
Blackwall

Plus \$1.58 per tire Fed. Exc. Tax and 2 tires off your car.

Get our **LOW PRICE** on your size!

SPECIAL OFFER!

Firestone CHRISTMAS ALBUMS

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Checklist & 12 color photos of your car & family in 11 1/2" x 11 1/2" album.

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Firestone **TRANSPORT**
Heavy duty 6-ply nylon cord truck tires

\$21 \$23 \$28

8.70-16 tube-type blackwall
8.70-16 tube-type blackwall
8.70-16 tube-type blackwall

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All five tires

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