

The Redstone Rocket

Published by Jack W. Hoffhaus, a private individual, at Huntsville, Ala. Opinions expressed by the publisher and writers herein are their own and are not to be considered an official expression by the Department of the Army. The appearance of advertisements in this publication does not constitute an endorsement by the Department of the Army of the products or services advertised.

VOL. VII; NO. 22

REDSTONE ARSENAL, HUNTSVILLE, ALABAMA

OCTOBER 1, 1958



GEN. BARCLAY GETS CERTIFICATE—Brig. Gen. Barclay (left), Army Ballistic Missile Agency Commander, is presented a certificate of Instrument Qualification for Military Aircraft by Maj. Don R. George, Chief of the Aviation Section of the Army Ordnance Missile Command. Gen. Barclay, who received his wings as a pilot in May, was awarded the Instrument Qualification from the U. S. Army Aviation School at Fort Rucker, Ala. Gen. Barclay pilots an L-23 aircraft.

Gen. Medaris Presented Distinguished Service Award by Jacksonville U.

Maj. Gen. J. B. Medaris, Commanding General of the Army Ordnance Missile Command, was presented the Distinguished Service Award by the University of Jacksonville Saturday in recognition of his "dynamic leadership" in the Army's missile and space programs.

Gen. Medaris was in Florida to address the students and faculty on "Scientific Education and Our National Future."

The occasion signified the completion of four new buildings at the University of Jacksonville. Dr. Franklyn W. Johnson, President of the University, presented the award on behalf of the Board of Trustees, at a dinner.

Army Emergency Relief Director Lauds Post On its Contribution

The following letter was recently received by Col. K. T. O'Keefe, Redstone Post Commander, from Maj. Gen. Edward F. Witsell (USA-Ret.), Director of the Army Emergency Relief organization, headquarters Washington, D. C.:

"Receipt is gratefully acknowledged of contributions of \$1,992.31 reported on Army Emergency Relief Financial Report, your headquarters for August.

Maj. Nelson Heads West Coast Field Office of Command

Maj. William J. Nelson has been named Chief of the West Coast Field Office of the Army Ordnance Missile Command with offices in Pasadena, Cal. Maj. Nelson replaces Lt. Col. Glenn Crane, who has been reassigned to the Command at Huntsville as a special Assistant to the Commanding General.

The mission of the West Coast Field Office includes general coordination and support of all personnel and offices emanating from the Command or its subordinate echelons located on the West Coast.

Maj. Nelson is a graduate of the... (See NELSON on Page 2)

Lt. Col. Wenzel Heads ABMA Field Artillery Instructional Detachment

Lt. Col. George H. Wenzel now commands the Field Artillery Instructional Detachment at the Army Ballistic Missile Agency.

Prior to his assignment as Commanding Officer, Col. Wenzel was Executive Officer for the Detachment.

He entered the Army in 1941 and served in the European Theater during World War II. In addition to attending the Command and General Staff College, Ft. Leavenworth, Kansas, he has completed the Artillery Advanced Course, Ft. Sill, Okla., and the Guided Missile Unit Commander Course, Ft. Bliss, Tex.

Prior to his assignment at the Army Ballistic Missile Agency he was Battalion Commander of the 247th Field Artillery Missile Battalion (Corporal) at Ft. Bliss, Tex. Col. and Mrs. Wenzel have two children, Diane, age 15, and Claudia, age 11.

Col. Wenzel is the son of Mr. and Mrs. Hermon C. Wenzel, of St. Paul, Minn.

Such outstanding results, of course, are due to the stimulus of your own personal support and the work of the many officers and enlisted men who assisted in the conduct of the campaign. Our Board of Managers is deeply grateful to you and them with

(See Relief on Page 2)

DEPT. OF DEFENSE ISSUES STATEMENT ON THOR, JUPITER

WASHINGTON, D. C.—The Department of Defense issued the following statement Monday morning:

"In response to press inquiries today, the Department of Defense said that no decision has been made to stop production of either the Thor or Jupiter Intermediate Range Ballistic Missiles. Both are being produced at present to meet early deployment schedules.

"No decision between the two IRBM weapons systems will be made until the completion of intensive studies which are now in progress."

The Jupiter IRBM was developed by the Army Ballistic Missile Agency, Huntsville, Ala., an element of the Army Ordnance Missile Command. It is in production at the Michigan Ordnance Missile Plant operated by the Chrysler Corporation for the Army.

The 864th Strategic Missile Squadron (Jupiter), first Air Force unit authorized to operate the giant missile in the field, is in training now at Redstone Arsenal, Ala.



COL. JOHN J. WALD

COL. WALD IS ABMA'S JUPITER PROJECT OFFICER

Col. John J. Wald has been assigned as Jupiter Project Officer at the Army Ballistic Missile Agency.

Col. Wald was formerly Executive Officer to the Deputy Post Commander at Aberdeen Proving Ground, Md. In his new position at ABMA he will coordinate with the Air Force the development and employment of the Jupiter missile system.

Prior to his assignment to Aberdeen in October, 1956, Col. Wald was with the Military Assistance Advisory Group in Viet Nam for a year. He was transferred to Ordnance in January, 1956.

After two years enlisted service in the 4th Coast Artillery Regiment in Panama, Col. Wald entered the U. S. Military Academy in 1953 and was commissioned. (See COL. WALD on Page 2)

Dr. Koelle Moderates Space Logistics Panel; AOMC Group Speakers

H. H. Koelle, Chief of the Future Projects Design Branch of the Development Operations Division, Army Ballistic Missile Agency, moderated a panel session on Space Logistics yesterday at the Fourth Annual Joint Military-Industry Packaging and Materials Handling Symposium held in Washington, D. C.

Professor Hermann Oberth, Chief of the Special Projects Section of the Research Projects Laboratory, ABMA; Harry O. Ruppe, Chief of the Lunar and Interplanetary Flight Unit, ABMA; and Charles L. Barker, Jr., Chief of the Astronautical Engineering (See KOELLE on Page 12)

ROHM & HAAS 1ST AGENCY TO END ITS UGF DRIVE

(Photos Inside)

Rohm and Haas Company was the first of the Agencies at Redstone Arsenal to reach completion in the 1958 Redstone United Givers Fund Drive.

"I congratulate the personnel of Rohm and Haas for the splendid response to the Redstone United Givers Fund 1958. It is a first of which they can be proud. I hope that this showing will be an inspiration to the other agencies participating in the campaign," said Maj. Gen. J. B. Medaris, Commanding General, AOMC, in an announcement.

Rohm & Haas Company's contribution was \$600, making a total amount given by employees and company of \$4,700.

Average contribution per employee including the company contribution was \$18.95.

Over 91 per cent of the employees contributed.

The total contribution represents 110% of a "Fair Share" of the Division's payroll.

Allen R. Deschere is a UGF representative on the Executive (See ROHM & HAAS on Page 2)

Construction Work Resumes at Arsenal

Construction work was resumed last week at Redstone Arsenal.

Termination of the labor dispute which had halted work for several weeks followed a series of conferences between representatives of the Department of the Army and the Chief of Engineers and interested union organizations and the Huntsville Contractors Association, it was announced by Col. Keith T. O'Keefe, Post Commander.

Missile Exhibit Thrills Fair-Goers

"Eyes at the Fair are on Missiles," headlines a Birmingham paper.

"The outdoor missile display and indoor equipment exhibit from AOMC and OGMS are attracting keen interest from Alabama State Fair-goers.

Tonight officials from the Command and the School will be honored at a banquet in the Fair's Administration Building.

In a ceremony before the grandstand show starts at 8 p.m. tonight, Maj. Gen. John B. Medaris will present awards to students for science exhibits, and will receive special recognition for his leadership in the nation's missile, rocket and space programs.

Army Describes Inertial Guidance System Used in Redstone and Jupiter

WASHINGTON, D. C.—The Army has described the inertial guidance system which controls the Redstone and Jupiter Ballistic Missiles developed by the Army Ballistic Missile Agency, Huntsville, Ala.

The Agency is an element of the Army Ordnance Missile Command.

The guidance system is credited by Army scientists as a major factor in establishing the outstanding record of the Army Redstone which was launched successfully Sept. 17 for the 33rd time during the last two years.

Pioneered by the team of scientists and engineers headed by Dr. Werner von Braun, the system for the relatively short range Redstone and the longer range Jupiter is capable of guiding giant missiles accurately to targets several thousand miles distant. At these ranges the guidance problem becomes critical.

The principles of inertial guidance have long been known, but the gap between theory and practical application existed until Dr. von Braun and his associates found solutions to some of the knotty technical problems.

They used inertial guidance as far back as 1937 in the A-5 missiles launched from Peenemuende, Germany. The A-5 was a predecessor of the V-2 rocket. By late 1943 the group had developed the first satisfactory accelerometer and employed them in the guidance system of the V-2.

Technically known as "pendulous integrating gyroscope accelerometers," these devices utilized the principles of gyroscopic precession as a means of generating information. They are mechanical devices which sense the physical forces acting on the missile in

flight. The information they obtain is used by the guidance system to determine errors in the missile trajectory which may result from wind, atmospheric pressure, or other causes.

From these errors, the accelerometers compute the correction commands required to keep the missile on course and deliver the warhead precisely on target. Since all elements of the guidance system are contained within the missile, guidance is independent of human intervention.

"This characteristic gives the missile an all-weather operating capability and makes it absolutely immune to enemy electronic countermeasures," Maj. Gen. J. B. Medaris, AOMC commander, reports.

Dr. von Braun and his associates came to the United States (See ARMY on Page 2)



MAJ. WILLIAM J. NELSON

The Redstone Rocket

The Redstone Rocket is a privately owned newspaper published every Wednesday by Jack W. Hoffhaus, Hartselle, Alabama, with exclusive regard for the reader interests of personnel at Redstone Arsenal, Alabama, in accordance with an agreement between the publisher and the Public Information Office, Army Ordnance Missile Command, Redstone Arsenal, Alabama.

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Nelson

(Continued from Page 1)
U. S. Army Military Academy, the Ordnance Officers Advance Course, and the Command and General Staff College. He also holds a Master of Electrical Engineering degree from Rensselaer Polytechnic Institute, Troy, N. Y.

During World War II Maj. Nelson served in Europe and prior to the California assignment completed a 30 month tour of duty in Japan with the Army Ordnance Office.

Army

(Continued From Page 1)
in 1945 under contract with the Army Ordnance Corps. They assisted in launching captured V-2 rockets at White Sands Proving Ground, N. M.

When the Ordnance Research and Development Sub-Office was set up at Ft. Bliss, Tex. in 1946, Dr. von Braun and his team resumed development work and sought to improve the inertial guidance system.

They greatly improved the accuracy and reliability of their gyroscope accelerometers and perfected the air bearing, a highly satisfactory means of defeating the problem caused by bearing friction in accelerometers and stabilizing gyroscopes.

In 1950 Dr. von Braun and his associates moved to Huntsville, Ala. Shortly afterward they began to design the Redstone Ballistic Missile System. The decision to employ inertial guidance in the Redstone was made in the Spring of 1952.

During that year an industrial survey failed to locate an accelerometer suitable for application in the Redstone Missile. Neither design nor hardware existed. So the Army team undertook fabrication and improvement of pendulous integrating gyroscope accelerometers at Redstone Arsenal.

The first Redstone actively guided by inertial system was flown early in the Redstone development which began in 1952.

"Since then," Gen. Medaris said, "the inertial system has successfully guided the flight of many Redstone Missiles and a similar system has been used successfully in the Jupiter Intermediate Range Ballistic Missile."

Components of the system are

Col. Wald

(Continued From Page 1)
ed four years later in the Coast Artillery. He was a recruit instructor for a brief period at Fort Totten, N.Y., in 1939 before returning to Panama.

In 1942 he was assigned to the Replacement Training Center at Fort Eustis, Va., and transferred to the Anti-Aircraft Command at Richmond, Va., in March, 1943.

Returning to the Canal Zone for a third tour of duty in March, 1945, Col. Wald became Plans and Operations Officer for the Harbor Defense of Balboa, on the Pacific coast. After four months as executive officer of the 88th AAA Group at Fort Gulick, he became AAA Plans and Project Officer of the Coast Artillery Command in Fort Amader.

His last assignment in the Canal Zone was as supply officer of the Corozal General Depot from December, 1945, until his return to the United States the following July.

Col. Wald received a Master's degree in Electrical Engineering from the University of Pennsylvania in 1949 and began a two-year tour as mathematics instructor at West Point.

Graduated from the Command and General Staff College in 1952, he was assigned to the office of the Deputy Chief of Staff for Logistics in the Pentagon. After three years in the Supply Control and Budget Branch of the Requirements Division, he was assigned to his Training Relation and Instruction Mission of the Military Assistance Advisory Group in Viet Nam.

Col. and Mrs. Wald reside on post. They have three children, Joan A., age 17; John J., Jr., age 14; and Jerrilyn J., 12 years old.

Relief

(Continued from Page 1)
the hope that AER is fully utilized according to your views as an effective and important instrument of morale.

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bers of your command our Board of Managers' deep appreciation of their outstanding demonstration of desire to help one another and their continued interest, confidence, and support of AER as the Army's way of caring for its own."



ROHM AND HAAS UNIT GETS 'OSCAR'—Mrs. Marjorie Gaines, UGF solicitor for the Personnel Department of the Redstone Arsenal Research Division of Rohm & Haas Company, was presented an "Oscar" by John Haas, vice-president of Industrial Relations. Total gift of the group was 128% of "Fair Share," and no member of the group gave less than 100% "Fair Share." Standing with Mrs. Gaines and Mr. Haas is Cecil Jackson, Personnel Director. Seated, left to right: Sara Hymer, Nora Bungard, Margaret Phillips, Dorothy White, Martha Bryson. Standing, left to right: Willie Lanier, George Steele, James Steele, James Morris, Samuel Sales and Robert Patterson.

* * * * *



SOLICITORS GET 'OSCARS'—Rohm & Haas solicitors from groups which gave more than 100% of "Fair Share" in the UGF drive were presented with Oscars by Allen R. Deschere, general manager of the Redstone Division. Top contribution was made by the Administrative Group which gave 250% of "Fair Share." Other groups were Engineering Research—202%, Applied Interior Ballistics—151%, Publications — 144%, Purchasing — 134%, Personnel—128%, Accounting—108%, and Applied Physics—100%. Solicitors (left to right) are Mrs. Louise Hope, Joe Medlen, Mrs. Lavonne Matthews, Bill Daniel, Mrs. Marjorie Gaines, Joe Clem, and Mrs. Sally Calder.

* * *

Rohm & Haas

(Continued From Page 1)
Committee and is general manager of Rohm and Haas, Redstone Division. Agency chairman is Mrs. Sarah Hymer, who is assistant to the Personnel Director.

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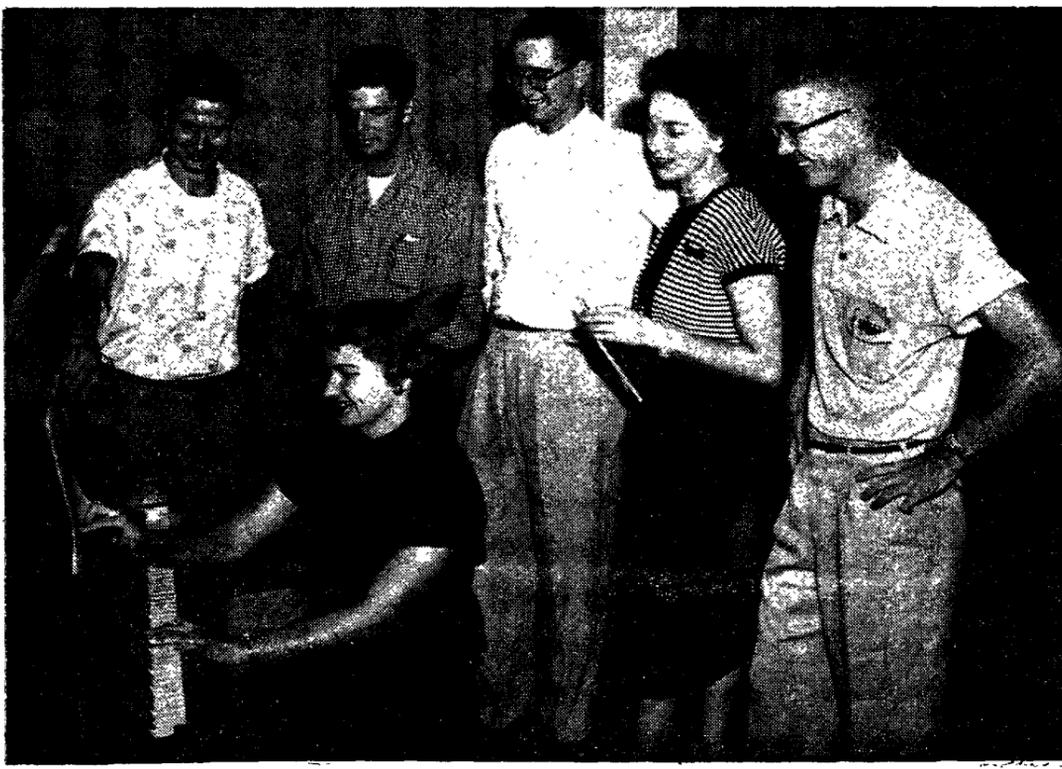
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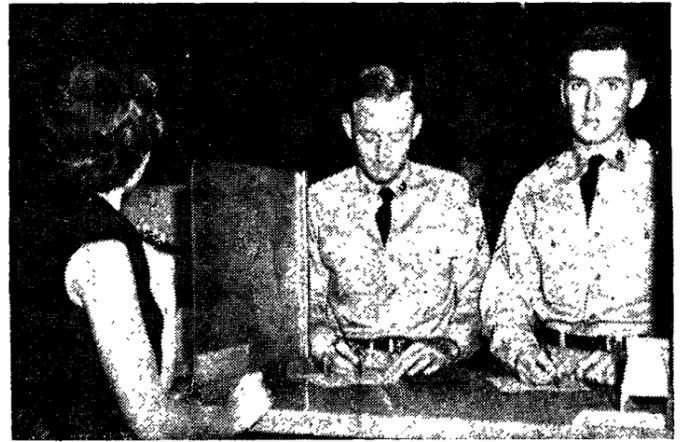
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POST CHORAL GROUP TUNES UP—Shown above at a recent practice session of the Missile Men and Maids, Redstone Arsenal choral group, are (left to right) Mrs. Gail Quam, accompanist (seated); SP4 Clay Dawson, director; SP4 John Witter, treasurer; Pfc. Ed Walsh, librarian; Miss Beth Weatherly, secretary; and SP4 Gordon Turnbull, president. The Missile Men and Maids meet each Tuesday night at 7 o'clock at Butler High School. Membership in the organization is open to all Arsenal personnel, military and civilian, and their dependents. For further information, or transportation to meetings, prospective Missile Maids should call Miss Weatherly, ext. 5193, and prospective Missile Men should call Pvt. Merle Wildermuth, ext. 6201, during duty hours and ext. 2907 after duty hours.



TOP ARSENAL SOLDIERS—Two soldiers of the month, Pfc. Billy E. Slayton (center) and Cpl. John J. Neary, sign the register at the Russel Erskine Hotel prior to their "week-end on the town" provided by the Huntsville Chamber of Commerce. Pfc. Slayton was the top Arsenal soldier in July and Cpl. Neary won the honor in August. The men, both of the Ordnance Guided Missile School, shared a car from Hill Chevrolet Co. and hotel suite. The car, with gas and oil, was provided by a local dealer. The Chamber of Commerce also insured free meals and entertainment for the men who received three-day passes for being the best soldiers of the month. Competition for the honor includes all the troops stationed at Redstone. Pfc. Slayton is from Tulare, Calif., and Cpl. Neary's home is in Chicago. Shown in photo above helping the soldiers register at the Russel Erskine is Mrs. Shirley Campbell, hotel clerk.

'FIRE PREVENTION WEEK' DESIGNATED

The week of Oct. 5-11 has been designated as "Fire Prevention Week" by proclamation of President Eisenhower.

"Fire Prevention Week" was first observed throughout the United States on Oct. 9, 1911, the anniversary of the Great Chicago Fire which occurred Oct. 9, 1871.

During Fiscal Year 1957, there were 14 deaths and 372 injuries to persons as a result of fires on Federal property, and approximately \$13,875,000 in monetary damage, according to statistics provided by J. G. McNeil, Redstone Arsenal Fire Marshal. There were seven fewer deaths in 1957 than in 1956. However, the number of injuries increased by 20 and property damage increased by some \$5,730,000 over the 1956

figure.

The Ordnance Corps record showed 20 injuries and \$576,124 property damage by fire. Preliminary figures for FY 1958 indicate that the Ordnance Corps losses will be two deaths, 10 injuries, and about \$629,000 property damage.

At Redstone Arsenal during this calendar year to date, McNeil pointed out, there have been no deaths or injuries due to fire (excluding explosions), and property damage has been \$2,245.

This amounts to 12½ cents per capita, compared to the Federal fire loss average over the past 10-year period of \$2.02 per capita, McNeil said.

"In reviewing the Ordnance Corps fire loss reports for the past two fiscal years, it is found that failure to inspect for and correct obvious fire hazards, improper handling and storage of flam-

SCOUT TROOP PLANNED

A Boy Scout troop is planned for boys living in Redstone Park. An initial meeting of parents with sons ranging from 11 to 14 years old who are interested in starting this troop will meet in Redstone Park Community House at 7:30 next Wednesday, Oct. 8. For further particulars interested boys or parents can contact Maj. Myron H. Bakin.

mable liquids, careless smoking and use of open flame, and improper maintenance of motorized equipment have been the causes of a large number of fires," states a message from the Office, Chief of Ordnance. "By eliminating these major causes, a substantial reduction in the Ordnance Corps fire loss should be realized. Therefore, every employe is requested to give his full support to the Fire Prevention and Protection Program, with special attention directed toward the reduction of fires by the above causes."




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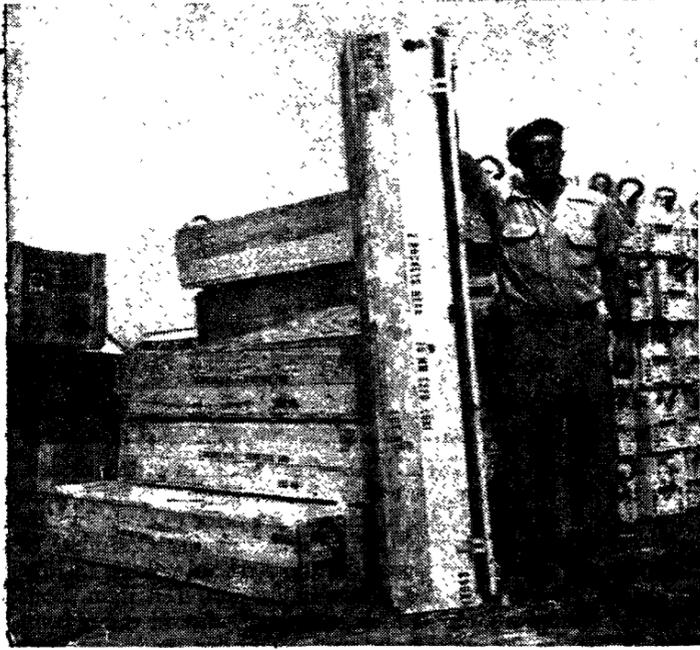


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ROCKET CONTAINER BOXES FOR SALE—Nine thousand rocket wooden container boxes were placed on sale last Thursday by the RSA Property Disposal Division. Many are still available; the sale will continue until the boxes are all sold. They are one foot square at the ends and six feet long. There are approximately 25 board feet of lumber in each one. Hours of sale are 8:30 a.m. to 3 p.m. Monday through Friday. The place is Igloo Area No. 2. Price: 50 cents apiece. Terms of sale are cash and carry; no checks accepted. For further information, contact Property Disposal Division at ext. 3528. Shown above standing alongside some of the boxes is Sylvester Smith.

TEACHERS IN ARMY SCHOOLS ENJOY WORKING WITH 'NICE BUNCH OF KIDS'

Teachers in Army Schools Enjoy FORT CARSON, Colo.—“People feel that Army children should be different, but we haven't found that the case,” says John Holcomb, principal of the Fort Carson Junior High School.

True, they are unusually well traveled, with 74 per cent having visited or lived in any one or several of 23 foreign countries, and they have the drawback of frequent adjustment to new schools, teachers and classmates.

“But the main struggle,” says Principal Holcomb, “is catching up on lost work. It is not uncommon for a student to be out of school for 60 days in moving from overseas. It's a problem to parents, teachers and students.”

Otherwise, like teenagers everywhere, they are apt to feel their parents are hopelessly out-of-date, are more concerned with being popular than with grades, and would rather watch TV or go on a date than do their homework.

“Army discipline doesn't affect the children too much one way or another,” Holcomb observes, but notes no gangdom and a total lack of racial discrimination.

Holcomb finds Army parents taking at least as much interest in school affairs as civilian mothers and fathers. In a recent series of parents' nights at the school, 77 per cent of the families were represented “and these were school, not PTA, events.”

“We think these ‘Army brats’

are a nice bunch of kids and we certainly enjoy working with them,” says Holcomb, speaking for all the teachers who, as he points out, would find it more convenient to teach in their home cities and towns in the area than to commute to the post. But they like the good facilities, the modern school building, and parent cooperation. Above all, they recognize that “It's the student who, in the final analysis, can make or break the school.”

Air Force, Contractors Group Briefed on ARPA Projects Assigned Here

A group of military and civilian officials from the Air Force Ballistic Missile Division (Inglewood, Calif.) the Space Technology Laboratory of Ramo-Wooldrige Corp. (Inglewood), and the Missile Systems Division of Lockheed Aircraft Corp. (Sunnyvale, Calif.) were guests of the Army Ordnance Missile Command last week for orientation briefings on space projects assigned to the Command by the Advanced Research Projects Agency, Department of Defense.

The group visited AOMC at the invitation of Maj. Gen. J.B. Medaris, Commanding General.



ORDNANCE OFFICERS' ADVANCE CLASS VISITS—Members of the Ordnance Officer's Advance Class are shown being briefed on computer operations at the ABMA Computation Laboratory during their three-day tour of the Army Ordnance Missile Command which ended Friday. General Electric employe Mabel Morgan, who is attached to the Data Processing Unit, briefed the officers on the IBM 704 Electronic Data Processing Computer. Sixty-seven U. S. officers and 16 Allied officers from Aberdeen Proving Ground, Md., toured major laboratories of the Missile Command and the Ordnance Guided Missile School.

Communications Job Openings Listed

The Civil Service Board of Examiners announces openings in two fields of communication.

Examinations for telephone operators at GS-2 (\$3255 per annum), and GS-3 (\$3495 p.a.) are now open. The announcement is No. 5-35-5(58).

The second announcement is No. 5-35-6(58) for telegraphic typewriter operators at GS-3 and GS-4 (\$3755 p. a.).

John P. Caulkins Is Promoted to CWO

John P. Caulkins recently was promoted to the rank of chief warrant officer in a ceremony in the office of Brig. Gen. J. G. Shinkle, Commander of the Army Rocket and Guided Missile Agency.

CWO Caulkins is Nike Project Officer in the Agency's Field Support Division. He entered the Army in September 1947 and has served overseas in Korea and Japan. Prior to his assignment at

A group of AOMC officials were guests of AOMC's visitors recently in California.

Among projects assigned the Missile Command by ARPA are two lunar probes.

Redstone Arsenal in May, 1956, he served at White Sands Proving Ground, N.M., for nearly two years.

He is the son of Ben Calkins of Kansas City, Mo. Mrs. Calkins is formerly of Hiroshima, Japan

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—Anonymous

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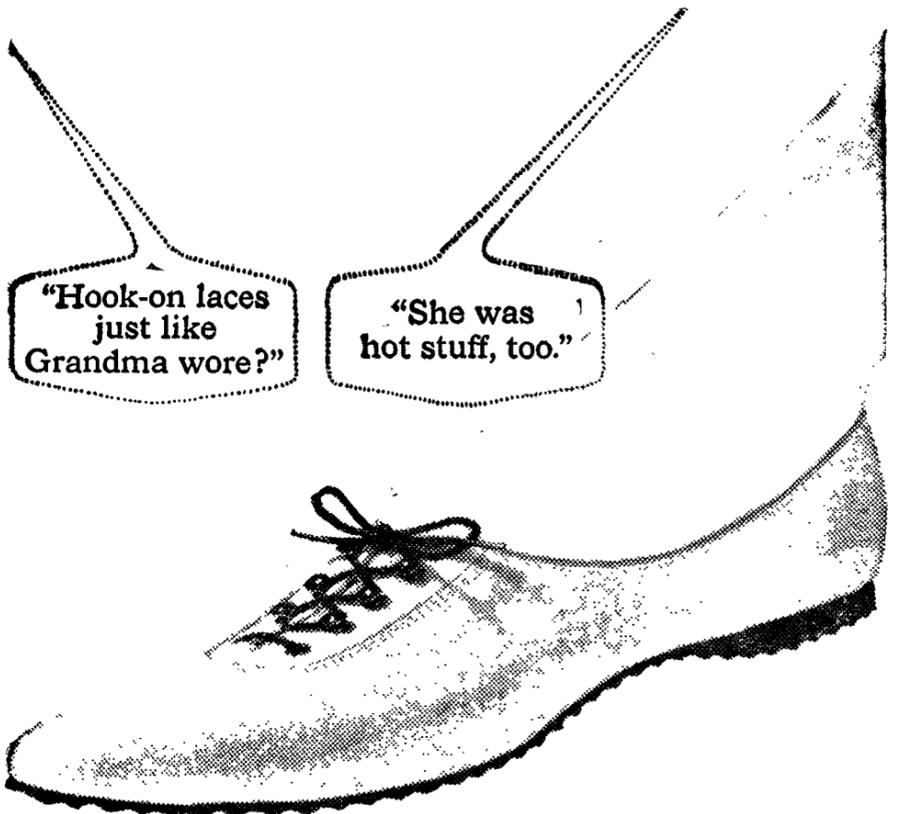
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LIBRARIANS MEET HERE—The Alabama Chapter of the Special Libraries Association held its last meeting at Redstone Arsenal. Hostess librarians shown above (left to right) are: Mrs. Emily Phillips, Ordnance Guided Missile School; Mrs. Cleo Cason, Army Rocket and Guided Missile Agency; Mrs. Charlotte Chesnut, Army Ballistic Missile Agency; and Mrs. Ann Logel, Rohm and Haas Company. Mrs. Ruth Logan, librarian at Thiokol Chemical Corporation, also a hostess, was not present for the picture.



DANCE CLASS REGISTRATION — Registration for the Children's Tap and Ballet Dancing Classes to be sponsored by the Redstone Arsenal Joint Activities Council was held in the lobby of the Main PX last week. Some of the registrants are shown above, with their mothers and adults connected with the class. In foreground at left is Melonie Twitchell, daughter of Capt. and Mrs. Lowell Twitchell. Then, from left to right, are Vicki Ann Cronin, daughter of Lt. and Mrs. Daniel Cronin; Miss Donna Johnson, who will teach the class; Terry Koenig, daughter of M-Sgt. and Mrs. N. O. Koenig; Mrs. James Alexander, who is helping to organize the class; Mrs. L. V. Halas and daughter Barbara; Mrs. D. A. Rich and daughter Sharon; and Andrea Starling, daughter of Capt. and Mrs. Andrew Starling. Classes are open to children of all military personnel, beginning at the age of three, Mrs. Alexander said. Parents interested in enrolling their children should contact Mrs. Alexander, ext. 8851. Miss Johnson, the class instructor, has been a professional dancer for some seven years, recently appearing on television in Cleveland, her home city.

KOREAN ARMY HONORS U. S. ADVISOR IN UNIT CODE NAME, MONUMENT

SEOUL, Korea — There is a "Rockwell" division in the Republic of Korea Army that is named after a U.S. Army master sergeant.

The ROKA First Division adopted that code name in the desperate Taeju perimeter fighting in 1950 in honor of Master Sergeant Lloyd H. Rockwell of (229 18th St.) Pasco Robles, Calif., then a lieutenant colonel serving as senior advisor to the unit.

This is not the only lasting tribute paid to the soldier who is also a veteran of World War II campaigns in Africa and Italy. There is a monument erected to him in Chonju by the 11th ROKA

Division for his perilous service with it mopping up the guerrilla remnants of enemy divisions in southwest Korea.

"Chief Advisor Lt. Col. L. H. Rockwell," it reads, "your great efforts for our division and ROK Army will remain shining in our division's history forever. 5th March 1951, all the soldiers of the 11th Div. ROK Army."

Now Rockwell has returned to the U.S. Military Advisory Group, Korea (KMAG), with duties as operations and intelligence sergeant, Advisor Section, Korean Army Training Command.

He first joined KMAG in 1949 and just before the outbreak of

MILITARY DUO, PLUS ACTRESS, ASSIST PRIEST

SEOUL, Korea—A priest here, worried about his ailing father in Belgium, received comfort through the combined aid of a soldier, a Marine, and a Hollywood actress.

Father Meeus, who serves as Catholic priest for soldiers of the U.S. Army Advisory Group detachment and other units in the Taegu area, received a letter telling him of his father's serious illness. It was suggested to him that perhaps he could get a later report through MARS (Military Affiliate Radio System).

Specialist Second Class Pat P. De Sarno of Scranton, Pa., chief MARS operator, was more than willing, but was unable to reach Belgium direct. Perhaps Father "Charlie" knew someone in the U.S. who could have the message relayed?

"Loretta Young is a friend of mine," answered the priest.

A U.S. Marine operator of a MARS station at Twenty-Nine Palms, Calif., contacted the actress. She immediately telephoned Father Meeus' brother in Belgium.

The "progressing as well as can be expected for his age" reply was relayed to Taegu by Miss Young herself, with MARS operators in the entire Far East network listening in. From start to finish, an hour had elapsed.

fighting was assigned as advisor to General Paik Sun Yup of the First ROK Division. General Paik is now Chief of Staff of the Korean Army.

When fighting began Rockwell's wife and daughters fled to the safety of a Swedish fertilizer ship and were carried, cattle-fashion with hundreds of others, to Japan.

The reorganization of the Army units because of new weapons and equipment has been accompanied by a reorientation of the entire Army school system.

SPECIAL ANNOUNCEMENT

MARLIN'S DELICATESSEN
Parkway Center
The Gourmet Shop of ALABAMA

Beginning This Sunday, October 5th
We will be open for Sunday business from now on.
HOURS 10:00 A.M. TO 5:00 P.M.
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Come in—Our stocks are fresh and plentiful!

"I hear that your brother who tells those tall tales has a slight cold."
"He's dead."
"Still exaggerating, eh?"

"What did the ocean say to the airplane as it flew over?"
"Didn't say anything. Just waved."

Hitting the ceiling is no way to get up in the world.
—Old English Proverb

Daffynitions: old age — when you find yourself giving good advice instead of setting a bad example.



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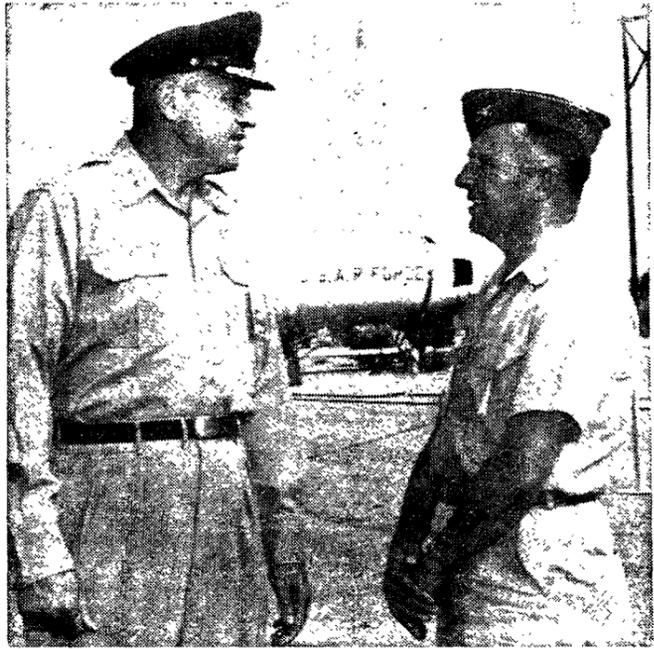
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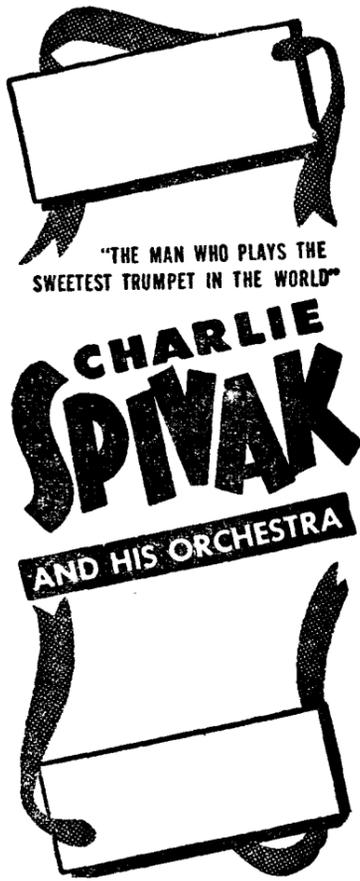
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DISCUSSING JUPITER—Maj. Gen. William H. Blanchard (left), Commander of the Seventh Air Division in Europe, talks with Col. William G. Erlenbusch, Commander of the 864th Strategic Missile Squadron (IRBM-Jupiter), during the general's visit Thursday to the Army Ordnance Missile Command. In background can be seen a Jupiter Missile, developed by the AOMC for operational use by the Air Force. The 864th is now undergoing training with the missile at AOMC. Gen. Blanchard received orientation briefings about the Jupiter during his visit.



DUE HERE TOMORROW NIGHT—Charlie Spivak and his orchestra will play for a dance at 8 p.m. tomorrow at the Rocket Service Club. All enlisted men and their guests are invited to attend.

Capt. Ramsey Assigned To AOMC Signal Office By Special Services

Capt. Robert N. Ramsey has been assigned to the Signal Office

at the Army Ordnance Missile Command.

Capt. Ramsey is a project officer in the Office's Agency Support Division. He entered the Army in 1941 and received his commission as a Second Lieutenant, Signal Corps, in 1942. In addition to overseas duty during World War II, he was stationed at Eniwetok Atoll in the Pacific from November 1948 to July 1949, in Germany from 1949 until March 1952, and in Korea from November 1954 until March 1956. He holds the Army Commendation Ribbon for work performed with the Atomic Energy Commission at Eniwetok. Prior to his assignment with

the Missile Command he was with the U. S. Army Signal Research and Development Laboratories, Ft. Monmouth, N. J., as a Signal Corps Liaison Officer with duty station at Redstone Arsenal.

Capt. and Mrs. Ramsey have three children. Robert Jr., age 14, Robin, age 8, and Jon, age 5. Mrs. Ramsey is the former LaVelle O'Rea, daughter of Mrs. W. A. Rea, Northport, Ala. Capt. Ramsey is the son of Mrs. W. W. Ramsey of Russellville, Ala.

Odis D. Ellett, ARGMA, 'Safe Worker of Week'

Odis D. Ellett, Experimental Rocket Loader and Assembler, Captive Test Section, ARGMA, has been selected as "Safe Worker of the Week."

Ellett was born in Owens Cross Roads community, where he now lives with wife Fausteen, and two children—Wilda, 11, and Jerome, 4.

Ellett is usually a quite conservative type person until the habit of hunting comes on. He is really proud of his two fine bird dogs, and usually gets the limit when he goes bird hunting. He has a wide variety of hunting experience and good tips on training dogs. He plans to go deer hunting this season, and hopes to bring back a five-point buck.

After graduating from New



ODIS D. ELLETT

M-Sgt. Harry Flowers Retires After 20 Years

Master Sergeant Harry N. Flowers recently retired from active duty after more than 20 year service in the Army.

The retirement ceremony was held in the office of Col. K. T. O'Keefe, Redstone Post Commander.

Prior to retirement, M-Sgt. Flowers served as Ordnance Supply Supervisor with the RSA Consolidated Supply Division. He entered the Army in May 1938, completing basic training at Ft. Oglethorpe, Ga. He came to Redstone Arsenal from Aberdeen Proving Ground, Md., in June 1957.

His decorations and awards include the World War II Victory Medal, American Defense Service Medal, American Theater of Operations Asiatic-Pacific Campaign Medal, Bronze Star, Philippine Liberation Ribbon with Bronze Star Korean Service Medal with two Bronze Stars, U. N. Service Medal and National Defense Service Medal. He is a 32nd Degree Mason, Shriner, Yarbe Temple, Atlanta.

Hope High School, his work varied from self-employment to working on a bee farm. He entered the Army in 1942 and served three years and nine months in the European Theatre with the combat engineers.

In 1951 he entered Civil Service with the Ammunition Division and transferred in 1953 to his present employment. For the past five years, he has been a group leader and acts as a supervisor during the supervisor's absence. Ellett is responsible for loading of propellant and assembly of igniters and fuses in rockets. He believes a clean place is a safe place to work and has always practiced the slogan, "A place for everything, and everything in its place." Neither he nor any of his present fellow workers have experienced a disabling injury.

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HONO-LULU — Tiki Amo will represent Hawaii in a nationwide contest to elect Miss Dairy Queen Teenager. Contest is to help dairy farmers promote the healthful, wholesome and refreshing qualities of milk. Mooooooooooooo!

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WAC RECRUITER VISITS—Sgt. Elizabeth A. Kidder (right), Women's Army Corps Recruiting Sergeant from the Montgomery, Ala., Recruiting Main Station, looks at a Redstone Arsenal post re-enlistment progress chart during a recent visit to Huntsville and the Arsenal. Left to right above are Sfc. John T. Lindsey, Army Recruiting Sergeant in Huntsville; CWO Parks L. Chastain, Redstone Post Re-enlistment Officer; Sfc. James J. O'Neill, Post Re-enlistment NCO; and Sgt. Kidder. The WAC recruiter will visit this area once a month in the future to explain the opportunities the Women's Army Corps offers to interested persons. Her headquarters will be in the Huntsville Post Office. Those interested in the WAC program should call JE 4-1722 for information. Applicants must be high school graduates, unmarried, and between 18 and 34 years old.



THE MOST—Who else but Abbe Lane could be selected as the show business gal with the most beautiful legs in America.

Safety Program Responsibility Set

Effective Sept. 8, Command responsibility for the safety program as defined in AR 385-10 and AR 385-20 was assigned to the Commander, Redstone Arsenal, for the Army Ballistic Missile Agency, the Army Rocket and Guided Missile Agency, and Redstone Arsenal.

Command responsibility for safety programs within the Army Ordnance Missile Command headquarters and staff supervision over all safety programs and functions is retained within the Headquarters and specifically delegated to the Chief, AOMC Security Office.

The Army-trained mechanics are always alert to detect "imminent failures," those engine sicknesses that could result in total engine ruin.

"Take a bad rod, for instance," explains Kennedy. "It doesn't keep an engine from running, but once it's thrown through the block you have the problem of replacement or extraordinary repairs."

In such a compact unit, "cross-training" is inevitable, "which makes them pretty valuable men back in their home units after they leave us," Kennedy maintains.

ORDNANCE 'TROUBLE-SHOOTING' GIs WORK THRU GERMANY VIA CARAVAN

NELLINGEN, Germany—There is a vagabond group of Ordnance trouble-shooters constantly touring the far-flung Seventh Army area which saves the taxpayer plenty on repair bills and keeps the field units free of "deadlined" vehicles.

The soldiers of Detachment No. 1, 124th Ordnance Company, are specialists on the repair and overhaul of heavy engines, mostly the

Continental used in tanks, personnel carriers, Corporal missile erectors and prime movers.

If the engines were sent back to an Ordnance depot, handling, shipping and reissue costs alone would run into thousands of dollars each year.

Chief Warrant Officer Aller Kennedy of Martlett, Tex., and his detachment of 20 enlisted men travel from garrison to garrison

in an eight-truck caravan of rolling repair shops, living out of duffle bags and getting mail but once a week.

That's why most of the soldiers are bachelors or have only a few months of temporary duty with the team before returning to fixed depot jobs. But some like the gypsy life. Specialist Second Class Derryl A. Teegardin of Edgerton, Ohio, is into his third year on the job.

Kennedy, with more than 20 years of Army Ordnance experi-

ence behind him, claims re-ringing and deglazing as his unit's specialty. With that and some general over-all adjustments, they give an additional two-year stretch of vitality to a tired Continental at a clip of from five to eight a week.

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- DOVE — OCTOBER 1ST
- SQUIRREL — OCT. 15TH



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CONTINUOUS PRINTER PROVES 'ENGINEER'S FRIEND'

A machine which can enlarge and reproduce engineering drawings and other documents stored on microfilm at the rate of 20 feet of finished prints per minute is helping solve the myriad problems of missile development at the Army Ordnance Missile Command.

The machine, known as a continuous printer, was recently installed in the Industrial Division of the Army Rocket and Guided Missile Agency.

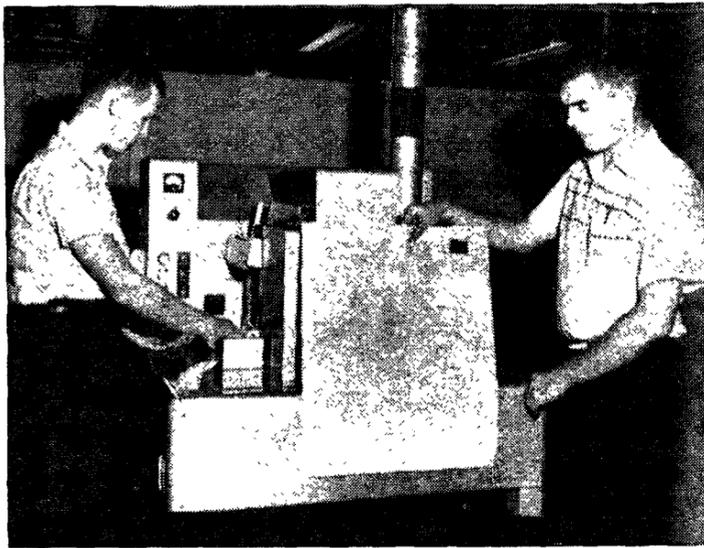
Installation of the machine was a final step in the organization of ARGMA's Documentation Services Unit.

The continuous printer operates on an electrostatic principle. No ink or chemicals are used. The image is formed by projecting the microfilm onto an electrostatically charged selenium-plated drum. The image is then developed by the use of micronized plastic powder which adheres to the drum and is transferred to the paper. The plastic powder is fused to the paper by passing under a heating element and the completed copies emerge at a constant rate, winding on a take-up roll.

Operation of the machine is completely automatic. Microfilm mounted into electrical accounting machine cards are placed in the card feed hopper and a dial is set for the number of copies of each document that is desired. The cards are fed and ejected automatically. When the card supply is exhausted, the machine automatically stops.

The Army Rocket and Guided Missile Agency is one of the pioneers in the use of microfilm for storage and distribution of engineering drawings and related data. All engineering documents received by ARGMA's Documentation Center are thoroughly checked for accuracy and legibility, and then photographed to reduce the size to 35 mm. film. This film is mounted to IBM cards and all identifying information is key-punched into the card. Conventional IBM punch card equipment is used for sorting and filing these cards.

Advantages of the microfilm system are reduced cost of filing and reproduction, reduction in space required to store documents,



CONTINUOUS PRINTER — Joe McDonald (left) and Harry Patterson, of the Army Rocket and Guided Missile Agency, operate an electrostatic continuous printer in the Agency's Industrial Division. The machine can enlarge and reproduce engineering drawings and other documents stored on microfilm at the rate of 20 feet of finished prints per minute. Such machines are helping to solve the myriad problems of missile development at the Agency.

... faster service in locating drawings, and more accurate control of engineering data. The microfilm may be enlarged and reproduced electrostatically on the electrostatic continuous printer or photographically on several other machines which are available. This film may be viewed directly on a viewer enlarger or a projector if a copy is not desired.

ARGMA decided to convert the Documentation Center to a mechanized operation about two years ago when the volume of engineering documents was increasing so rapidly that distribution and storage became a serious bottleneck. At the present time, there are approximately 325,000 documents already on microfilm and the number is increasing at the rate of 35,000 per month.

When all drawings are converted to microfilm, ARGMA will

Madison Pike School PTA Is Organized; Lt. Col. Holley Head

Approximately 250 parents of children who will attend the new Madison Pike Elementary School met last week and formed the school's Parent-Teacher Association.

The meeting was held at Westlawn School. Students who will be assigned to the new Arsenal site school when it opens early next month now are attending Westlawn.

PTA officers were elected and installed during the meeting. Elected president was Lt. Col. J. L. Holley, Jr. Other officers are: Capt. C. E. Chapman, first vice-president; Maj. O. E. Adamson, second vice-president; Mrs. H. H. Northington, treasurer; and Mrs. R. F. Kinch, secretary.

The officers were installed by Mrs. John B. Clark, president of the Huntsville PTA City Council. Chaplain (Lt.) William J. Hughes of Redstone Arsenal opened the meeting with a devotional.

Refreshments were served during a social hour which followed the meeting.

The new PTA voted to hold its future meetings at 7:30 p. m. on the second Tuesday of each month.

The Madison Pike Elementary School will serve children residing on the west side of Jordan Lane within the city limits. This will include children residing on Redstone Arsenal.

Army Audit Agency Office Redesignated

The U. S. Army Audit Agency Area Office has been redesignated as the Huntsville Area Office, U. S. Army Audit Agency.

The office is located in Bl. 5413. Telephone extensions are 2615 and 2515.

The auditor-in-charge is Robert W. Mullins. The area office is responsible for all audits of activities at the Army Ordnance Missile Command and contractors' plants located on and in the vicinity of Redstone Arsenal.

have one of the most modern Documentation Centers to be found anywhere in the U. S.

Religious Services

POST CHAPEL — Bldg. 3714

PROTESTANT

Sunday — 0945 hours, Sunday School, 1st Session 4th grade through Junior High.

1000 hours — Adult Bible Class in TV Room of Service Club.

1100 hours — Sunday School, 2nd Session — 3 yrs. of age through 3rd grade.

1100 hours — Morning Worship. The nursery for babies and small children is open during this service.

Wednesday — 1845 hours — Chancel Choir rehearsal.

CHAPEL No. 2 — PROTESTANT

Sunday — 0930 hours — Morning worship.

Friday — 1930 hours — Christian Science service.

JEWISH — Temple B'Nai Sholom (ton Ave.)

Friday — 2000 hours — Regular service. O'Neg Shabbot (Sabbath Social) at Temple Annex following service.

Sunday — 1000 hours — Religious School at Temple Annex.

CATHOLIC

Sunday — 0745 and 0845 hours — Mass.

Monday — 1900 hours — Convert class in Chaplin's office.

Tuesday — 1930 hours — Novena in honor of Miraculous Medal followed by Choir rehearsal.

Saturday — 0930-1100 hours — Catechism classes for grade school children.

1800-1900 hours — Confessions.

CHAPEL No. 2 — CATHOLIC

Sunday — 1100 hours — Mass.

Unable to get experienced help, the farmer was obliged to hire a man unfamiliar with farm chores. One day he came across the new hired hand forcing a cow to drink a pail of milk.

"Say, you danged fool," he exclaimed, "what's the idea of feeding that pail of milk to the cow?"

"Well," replied the new hand, "the darn fool stepped in and got it all dirty, so I'm running it through again."

Selfishness is that detestable vice which no one will forgive in others, and no one is without in himself.

Safety Scoreboard

(As of 29 Sept.)

Days since last civilian disabling injury—63.	Our Goal	75
Days since last military disabling injury—26.	Our goal	30
Days since last contractor personnel disabling injury—33.	Our Goal	50
Days since last government vehicle accident—7.	Our Goal	30

Civilians Again Reach Safety Goal

Last week, civilian personnel reached their goal of 60 days without a disabling injury, and a new goal of 75 days was established for them.

This is the third goal successfully reached by civilian personnel and represents by far the longest period without serious injury civilians have worked since the Scoreboard was started. Although an immediate goal of 75 days is set, everyone is looking forward to reaching a round one hundred days—which would indeed be something to talk about, a safety representative stated.

There have been some near misses, however, that threatened to end the injury-free period. One employe was shaken up when involved in a motor vehicle accident in the 3400 area but after a thorough check-up was determined to be not seriously injured. The Safety Office urges all supervisors and employes to be even more alert to prevent unsafe acts and conditions which might result in accidents.

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Net Weight	ITEM	Approx. Portion Cost
Per Box	Portion Size	Approx. Portion Cost
10 Lbs.	Mignon of Beef Ribeye, bacon wrpd. F&T*	8 oz. 60c ea.
10 Lbs.	Club Steaks, boneless top butt, F&T*	8 oz. 50c ea.
10 Lbs.	Spencer Roll, steaks F&T*	10 oz. 50c ea.
10 Lbs.	T-Bone, Blue Ribbon, fully trim'd, F&T*	10 oz. 65c ea.
10 Lbs.	Rib Steaks, Blue Ribbon, fully trim., F&T*	10 oz. 45c
10 Lbs.	Round Steaks, hvy. beef, fully trim'd., F&T*	15 oz. 73c
10 Lbs.	Burger Patties, bacon wrapped	4 oz. 17c ea.
10 Lbs.	Broiler Burger Patties	4 oz. 17c ea.
10 Lbs.	Veal Cutlets	4 oz. 24c ea.

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Let's HOOP it up in October. Do you Act, Sing or Dance? Are you interested in assisting with one or more of the following: State Designer (stage set, lighting, costuming), Stage Manager (carpenters, electrician, stage crews), or House Manager (publicity, usher, etc.). We contemplate adding dramatics to our recreational program in the event there is sufficient interest and enthusiasm to merit such a program. If you are interested in the activities listed above contact the office immediately so that further plans can be completed.

Sunday, October 5, we will introduce a new type of entertainment at the Service Club. This will be a treat for all of you that like any or all types of music. The Rocket Service Club DISC JOCKEY SHOW will be inaugurated at 1 p. m. We extend an invitation to all of you to come and hear—and then make suggestions as to what types of music you want to hear. The MC's (Norm and Al) will pass on information pertaining to up-coming events at the club, and important current items such as sport results, etc. Hope to see you Sunday, October 5 at 1 p. m.

CHARLIE SPIVAK, who brings his orchestra to the Service Club on Thursday, October 2 at 8 p. m. believes that a name band leader has a mission and a duty to perform for Americans beyond pleasing their ears and dancing feet.

Charlie is placing more emphasis on soft, danceable melodies than ever before. Spivak plays plenty of licks for the trained ear.

"You grow sweeter as the years go by," is perhaps the best way to describe the music and the trumpet sketching of Charlie Spivak. Come early because we feel sure that you will not want to miss a note. The Huntsville, and Birmingham Hostesses will be guests for the dance.

Pfc. Bernard Weiner's name was erroneously omitted from the list of names in last week's article on the Chess Team. The Chess Team attended a match at the YMCA in New Orleans over the week-end. Results will be avail-

Six-Man Unit Level Football Game Set; Opener Is Tonight

At 1900 hours tonight at Linton Athletic Field, Hq. & Hq. Det. ("Dabby's Rangers") and Det. "B" OGMS will open the six-man level football season for Redstone Arsenal.

All spectators are invited; so, if you enjoy a battle-to-the-end football game, be sure to attend this opening game.

This league consists of 11 teams, with 12 men on each squad. Each team will play five games. Games will be played Monday through Saturday nights at 1900 hours at Linton Field.

FOOTBALL SCHEDULE (1 Oct. - 11 Oct.)

- 1 Oct. Hq. & Hq. Det. ("Dabby's Rangers") vs Dt. "B" OGMS
- 2 Oct. Det. "B" ABMA vs 1st ETD
- 6 Oct. Hq. & Hq. Det. No. 2 vs 2nd ETD
- 7 Oct. Hq. & Hq. Det. ("Dabby's Rangers") vs. 1st ETD
- 8 Oct. "B" Det. ABMA vs 9615th Sig. Det.
- 9 Oct. 291st MP Company vs Hq. & Hq. Det. UTC.
- 10 Oct. 864th AF vs 2nd ETD
- 11 Oct. Det. "A" OGMS vs Hq. & Hq. Det. No. 2.

A refreshment truck furnished by the Post Exchange will be available at all games.

able at an early date. In olden days a man would stand on the steps of the general store and shout, "Junk! Junk-et!" When a crowd had gathered the details of the dance would be given. In contrast with this our square dance fans gather and then our caller Austin Roberts starts "All join hands and circle to the left, then to the right". The square dance group meets every Thursday night at 7:30 p. m., however, they will meet on Friday this week because of the CHARLIE SPIVAK DANCE. Join us won't you because its fun.

The next series of dance classes will get under way on October 15. Ray will begin with the Rumba in the advanced class and Fox Trot in the beginners' class. Make reservations as soon as possible because we can only take a limited number in each class.

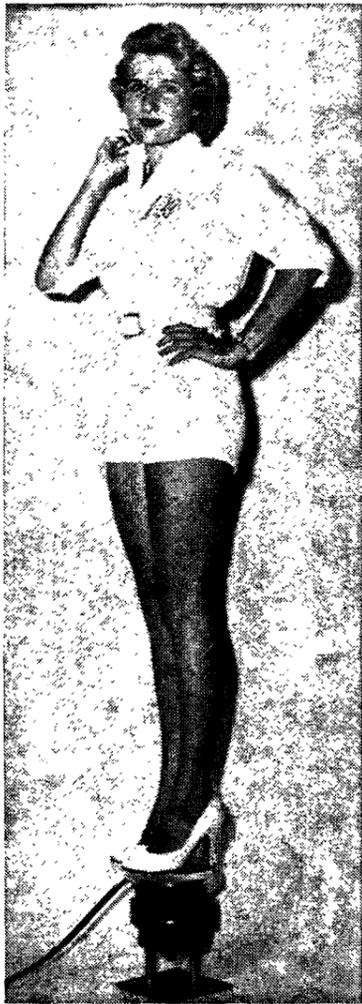
We have a tour to the Alabama State Fair scheduled on Saturday, October 4. The buses will leave the Service Club at 10 a. m. After a tour of the Fair the Birmingham Hostesses have invited us to the YMCA for a snack which will be followed by a dance. Contact the office early if you would like to attend the Fair and dance.

BINGO every Monday night. The prizes are fabulous. Join us in this activity and you can be assured of an evening of good entertainment.

The JUNIOR HOSTESS MEETING will be tonight at 7 o'clock. All hostesses are urged to attend this meeting so plans for the month can be completed.

In summary don't forget the CHARLIE SPIVAK DANCE THURSDAY, SQUARE DANCE CLASS FRIDAY, TOUR TO BIRMINGHAM SATURDAY AND THE DISC JOCKEY SHOW ON SUNDAY.

FRANCIS



"FLOATING ON AIR" — Literally "floating on air" is this week's Rocket Pin-up, Miss Lauren Woody, shown posing atop an air-bearing gyroscope in the ABMA Guidance and Control Lab where she works. Miss Woody, a Huntsville native, is not only gyro-stabilized, but also extremely well-balanced, as anyone can plainly see. The gyro, incidentally, is a part of the guidance system of the Redstone and Jupiter missiles.

ABMA Bowlers Invited to Join Mixed League

Bowlers interested in joining a mixed league on Friday nights are asked to contact Marshall Cowart at ext. 4412. Male and female bowlers of ABMA are invited to join.

Arsenal Pistol Team Wins Prizes in B'ham

At the Tarrant Police Pistol and Rifle Match held near Birmingham on 28 Sept., members of the Redstone Arsenal Pistol Club won a total of 32 individual prizes which included winning six matches out of the total nine.

CWO George M. Seely, OGMS, won nine prizes in the master class to include one winner. Robert W. Ekis, ARGMA Control, also won nine prizes in the Expert class to include five winning medals. Sgt. Ned C. Emmet, OGMS, won six prizes in the Marksman class. CWO Robert S. Johnson and Pfc. William S. Vanderpool, both from OGMS, won three prizes each in the Marksman class. CWO Albert Startup won two prizes in the Marksman class.

Ekis was high scorer for the Redstone contingent with 1370 out of a possible 1500 points.

8-Alley Bowling Lane To be Opened Today

Special Services has added another recreational facility for the troops stationed at Redstone Arsenal—an eight-alley bowling lane.

At 1800 hours today a formal opening ceremony will be held at the new bowling lanes in building 3619. All military personnel and their guests are invited to attend the formal opening.

Bowling prior to Monday, 6 Oct. will be open bowling; regular league bowling will commence Monday, 6 Oct. Reservations for open bowling may be made by calling ext. 6418.

HOURS OF OPERATION: Mon. Wed., Sun. - 1300 - 2300; Tues., Thurs., Sat., Holidays - 1000 - 2300; Fri. - 0900 - 2300.

LEAGUE BOWLING: Friday morning - 0900 - 1130; Monday thru Friday - 1800 - 2300.

CHARGES: 35c per games; 10c shoe rental; \$1 locker rental.

He: "Do you think kissing is unhealthy?"

She: "I dunno, I never..."

He: "You've never been kissed?"

She: "I've never been sick."

WOODY'S DRIVE-IN

OPEN 6:00 - START 6:30

WED., THURS., FRI.



—plus—



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AVA GARDNER

STEWART GRANGER · DAVID NIVEN IN

"THE LITTLE HUT" IN BLUSHING COLOR!

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SUNDAY & MONDAY



TUESDAY, WEDNESDAY



—plus—



—plus—



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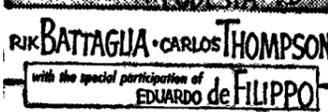
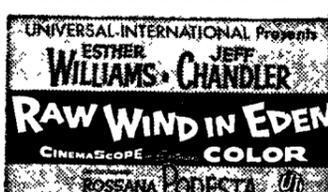
THURSDAY & FRIDAY



—plus—



SUNDAY & MONDAY



TUESDAY & WEDNESDAY



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7 Days Starting Today



PARKWAY THEATRE

WED., THURS., FRI.

BRIGITTE BARDOT



FRIDAY & SATURDAY



— PLUS —



STARTS SUNDAY



Movie Schedule

Wednesday, 1 Oct., "Step Down To Terror," starring Colleen Miller and Charles Drake. Time 1315, 1745, and 1945.

Thursday and Friday, 2 and 3 Oct., "The Barbarian and the Geisha," starring John Wayne. Time 1315, 1745, and 1945.

Saturday, 4 Oct., SPECIAL MATINEE, "Gun for a Coward" starring Fred MacMurray, Jeffrey Hunter and Janice Rule. Time 1000.

Saturday, 4 Oct., "I Married a Monster from Outer Space" starring Tom Tryon and Gloria Talbott. Time 1745 and 1945.

Sunday and Monday, 5 and 6 Oct., "Peyton Place" starring Lana Turner, Russ Tamblyn and Terry Moore. Time Sunday 1400, 1745 and 1945. Time Monday 1315, 1745 and 1945.

Tuesday, 7 Oct., "Villa" starring Cesar Romero and Brian Keith. Time 1745 and 1945.

*If attendance warrants, a third showing will be shown at 2145.

"I eat grapes all day long," said the worried man to the psychiatrist.

"So what?" demanded the doc. "Lots of people eat grapes."

Retorted the patient: "Off the wallpaper?"

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WHITESBURG DRIVE-IN

LAST TIMES TONIGHT



THURSDAY & FRIDAY



SATURDAY

BEYOND A REASONABLE DOUBT



Plus



SUNDAY & MONDAY



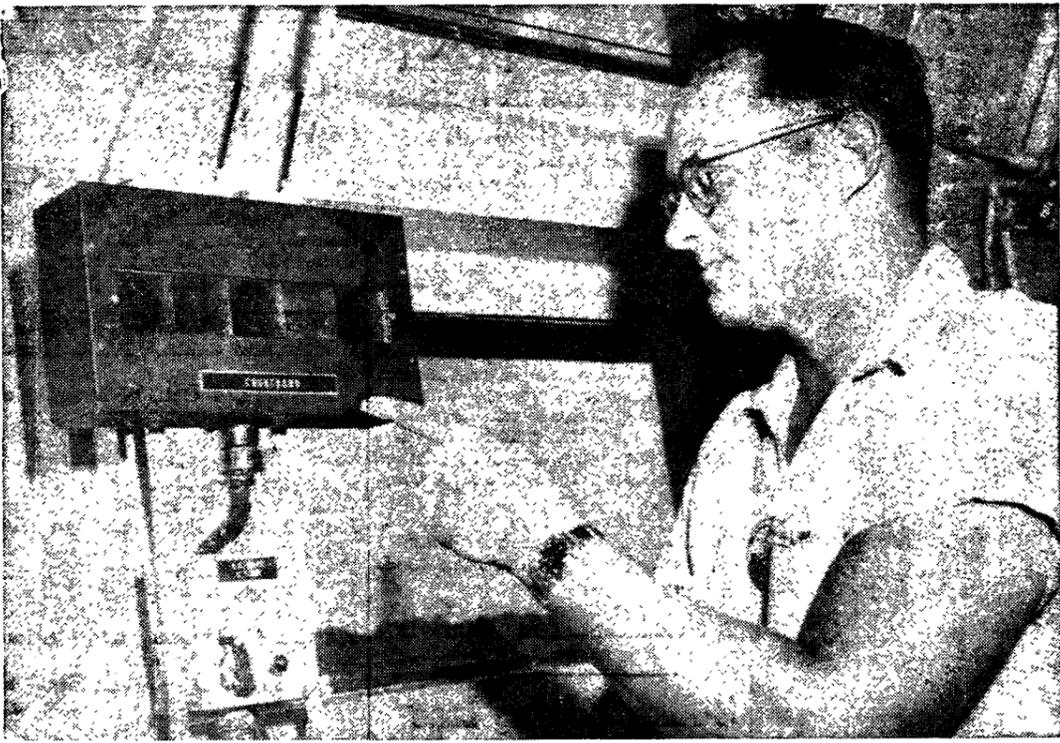
TUESDAY & WEDNESDAY

Mickey Spillane's Newest Thriller!



—plus—





'COUNTDOWN CLOCK'—Graydon A. Phlieger, a member of the Army Ballistic Missile Agency's Missile Firing Laboratory at Cape Canaveral, points to the unique and vitally important "countdown clock" he invented. The clock has been used in the launching of dozens of Army missiles at the Cape during the past two years. Phlieger, a native of Miami, Fla., has been cited for his unusual contribution to the Army's missile programs.

'Countdown Clock' Invented by ABMA Technician at Cape

CAPE CANAVERAL, Fla.—The tedious, vitally important job of preparing the Army's big missiles for firing has been made an easier and more reliable operation, thanks to an invention by a technician of the Army Missile Firing Laboratory.

Graydon A. Phlieger devised and fabricated unique "countdown clocks" for the Army's launching operations. The clocks have been installed at both Army blockhouses for nearly two years, and have been used in dozens of firings of Redstone, Jupiter and Jupiter C missiles.

Phlieger has been cited for his unusual contribution by Dr. Kurt Debus, Director of the Missile Firing Lab who has had charges of firing more ballistic missiles than any other man in the free world.

He was presented a \$100 Incentive Award, and steps are being taken to patent his countdown clock by the Government.

When a missile is being prepared for launching, a great many operations must be performed in

split-second coordination between the blockhouse, the launching pad, and many telemetry and photography stations in the Cape area and down the Atlantic Missile Test Range.

The countdown normally proceeds over a period of several hundred minutes. Certain functions must be performed at specific points in this regression to the zero launch time. The timing

accuracy of these functions must not be questioned, for all of the preparatory steps must be taken in the planned sequence.

Formerly the Missile Firing Lab used, in timing these operations, an ordinary, oval-face clock with a specially-designed reverse dial. This was dependable, but it introduced a human factor, for the user had to calculate forward to determine the time lapse

between a given reading and the proposed moment of launch.

Phlieger invented a box-type clock with five windows, which gives the countdown time in units, tens, and hundreds of minutes, plus seconds.

The clocks also allow for immediate stopping and resetting at any time, in case of a delay in the firing preparations.

Phlieger made the clocks in the Firing Lab's Fabrication Shop. The first one has been in use since October, 1956.

The Missile Firing Lab is one of 10 laboratories of the Army Ballistic Missile Agency, Huntsville, Ala., directed by Dr. Werner von Braun. ABMA is an element of the Army Ordnance Missile Command.

Phlieger, a native of Miami, is a member of the Firing Lab's Special Instrumentation Section, Guidance and Control Group. He has been employed there since 1954.

He is the son of Mr. and Mrs. G. A. Phlieger of 4001 Southwest 4th St., Miami. He graduated from Miami Senior High in 1947 and has studied at the University of Florida and the University of Miami.

Phlieger is married to the former Helene E. Munson, daughter of Mr. and Mrs. C. R. Munson, 1070 Northwest 142nd St., Miami. They have one child, eight-month-old Jay Kirk. The Phliegers live at 325 McCleod Drive, Cocoa, Fla.

Five million passengers, 22 million tons of petroleum products, and 52 million tons of dry cargo were transported to, from, and within the Korean theater to support that war.

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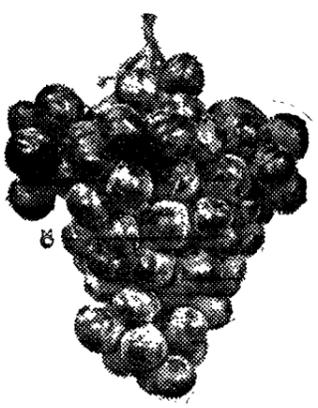
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GRAPES 2 Lbs. 29c
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Chief, Test and Evaluation Laboratories



CASPER J. KOEPFER
Chief, Systems Analysis Laboratories

GEN. SHINKLE APPOINTS KEY PEOPLE AT OML

Pictured here are key people of the Ordnance Missile Laboratories recently appointed by Brig. Gen. J. G. Shinkle, Army Rocket and Guided Missile Agency Commander.

OML missions are conducted in its various laboratories supported by a Programs Control Office and a Operating Services Office.

The Research Laboratory missions embrace basic research in the areas of aerodynamics, chemistry, thermodynamics and combustion, physics, materials, magnetohydrodynamics, and



J. F. RUSH
Chief, Programs Control Office



HAROLD F. McMILLAN
Chief, Operating Services

Henry R. Arnold Promoted to Captain

Capt. Henry R. Arnold was recently promoted to his present rank in a ceremony in the office of Brig. Gen. J. G. Shinkle, Commander of the Army Rocket and Guided Missile Agency.

Capt. Arnold entered military service in 1943 when he entered the U. S. Navy as an enlisted man, serving overseas in the Asiatic-Pacific Theater. He was discharged from the Navy in 1946 and remained in the U. S. Naval Reserve until January 1949 when he enlisted in the U. S. Army. He was

commissioned a second lieutenant in the Ordnance Corps on May 10, 1952, and made first lieutenant in November, 1953.

Prior to coming to Redstone Arsenal in August, 1957, he was assigned at White Sands Missile Range, N. M., for two years. He has served as System Manager, Corporal Engineering Section, Field Service Division at ARGMA since December, 1957.

Capt. Arnold is the stepson of H. E. Taylor of Doddsville, Miss. Mrs. Arnold is the former Gladys O. Steed, daughter of Mrs. E. I. Steed, of Indianola, Miss. They have two children, Vivian C., age 12, and Deborah K., age 6.

"special projects." In addition, OML evaluates proposals on basic research submitted by Office of Ordnance Research.

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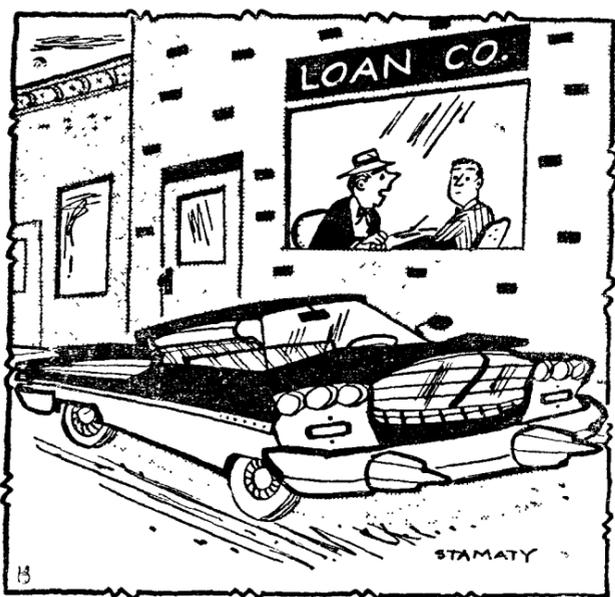
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STREET FLOOR TIMES BUILDING



FRENCH OFFICERS VISIT AOMC—Four French officers who are members of the Standing Committee of the North Atlantic Treaty Organization are shown above examining models of the Redstone and Jupiter Missiles during their orientation visit to the Army Ordnance Missile Command Friday. Left to right are Maj. Jean-Pierre Liron, Col. Michel Multrier, Col. Bertrand de Nadaillac, and Lt. Col. Charles Luquet. All are Army officers except Col. Luquet, who is a Marine. The actual missile counterparts of the models they're holding were developed by the Army Ballistic Missile Agency, an element of the AOMC.



NATO OFFICIALS VISIT—Col. J. J. Fens (Ret.), center, President of the NATO Parliamentary Conference, and Douglas Robinson, Executive Secretary of the NATO Conference, are shown during a two-day visit last week with Maj. Gen. J. B. Medaris, Commanding General of the Army Ordnance Missile Command. Gen. Medaris accepted an invitation to speak at the North Atlantic Treaty Organization in Paris this November. Col. Fens is a member of The Netherlands Parliament.

Huntsville Firm Gets Contract for Job Here

The Huntsville firm of Ashburn & Gray, Inc., has been awarded a contract amounting to \$134,075.50 for the construction of hardstands and utilities in the unit training area at Redstone Arsenal, according to an announcement made from the U. S. Army Corps of Engineers office in Mobile, Ala.

Two hardstands will be constructed in the class area and one smaller one in the unit training area for parking tactical vehicles used in the training program of the Ordnance Guided Missile School. A small shed, a small latrine building, and utilities will be constructed adjacent to the larger hardstands for the convenience of crews working with the vehicles.

Work under the contract is expected to get under way by mid-October and be completed in about six months.

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Koelle
(Continued from Page 1)
Section, ABMA, also participated in the symposium which is sponsored by the Department of the Navy, Office of Naval Material. The symposium ends tomorrow.

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Diamonds - Watches Jewelry
FOR ALL OCCASIONS

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SOP
CLEANING 24 HOUR SERVICE

"HOLD ON! I'M NOT AN ARMY CORPORAL... I WAS AN AIR FORCE E-9 BEFORE YOU CLEANED IT!"

During the Space Logistics Panel, scientists and technicians presented problems and considered possible solutions as to provisioning men in space, based on presently available knowledge. Dr. Gilford G. Quarles, Chief Scientist, Army Ordnance Missile Command, addressed the Symposium on the "Challenge of Space."

SNAFU

"OH, BY THE WAY CHIEF, I FIXED THAT STICKY DRAWER IN YOUR FILING CABINET YESTERDAY."

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1' Rouquefort, Wine, Mushroom Sauce
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With drawn butter sauce

BREAKFAST 6 A.M. TO 11 — LUNCH 11 TO 2:30
DINNER 5 TO 9 (Four Courses)

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To All Civilian and Military Personnel:

BENTLEY OLDSMOBILE, INC.
extends a cordial invitation to see the all-new . . . So totally new . . . So typically Oldsmobile for 1959, on display Friday and Saturday, October 3 and 4.

—CHARLES R. BENTLEY

Big Days for the Duncans



CADET DUNCAN RECEIVES AWARD—Cadet Wallace H. Duncan, Class of 1960, United States Military Academy, son of Capt. and Mrs. William L. Duncan, of Redstone Arsenal, receives the Star Award from Lt. Gen. Garrison H. Davidson, Superintendent of the Military Academy. A Star Award winner is one of the top five percent of the members of his class as arranged on the General Merit Roll by the Academic Board. Cadet Duncan's father, Capt. Duncan, is Chief of the Pictorial Branch, Post Signal Office.



CAPT. DUNCAN'S TWIN SONS ENLIST — Lyle (left) and Frank Duncan, twin sons of Capt. and Mrs. W. L. Duncan of Redstone Arsenal, recently enlisted through the Huntsville Army Recruiting Station for three years under the Regular Army's Specialist Training Program. They will attend radar repair school upon completion of basic training. Fort Jackson, S. C., is their first duty station. Both the young men graduated from Butler High School at Huntsville in May of this year. Both were members of the football squad, Lyle playing fullback and Frank quarterback. Their father, Capt. Duncan, is Chief of the Pictorial Branch, Post Signal Office.

WALTER REED RESEARCHES PROSTHETIC DEVICES FOR USE OF CHILD AMPUTEES

WASHINGTON— Like any other four-year-old, Diana Beckett can feed and dress herself and steer a straight course on a tricycle. Unlike her playmates, however, she manages with the aid of an artificial arm designed at the Army Prosthetics Research Laboratory, a component of Walter Reed Army Medical Center.

It was in 1955, shortly after she lost her hand in an accident, that the little girl was selected as a "research project" at APRL, the only industrial research labora-

tory on upper extremity prostheses in the world.

Because she is not an Army dependent, the cheerful little redhead is apt to stay put over the years to maturity while orthopedic doctors and technicians experiment with the best possible prosthetic appliances for her at various stages of development.

Diana, "an adventurous, good patient," lives in Beltsville, Md., with her grandparents, Mr. and Mrs. Kenneth Rhoads.

She has already twice outgrown

her first arm and cosmetic mitten. Primary purpose of the arm is to discourage the tendency of amputees to keep all movements close to the body. She was one of the first youngsters to wear the cosmetic mitten, in the early stages of experimentation at the time. A game girl, she can slip in and out of the shoulder harness without help.

Diana is now wearing an experimental passive hand. The professional team at APRL, under its director, Colonel Maurice J. Fletcher, is making plans for more functional prostheses for the research youngster as she approaches school age. Many schools, for reasons of safety, will not admit

a child wearing the familiar hook.

Perhaps it will be a light-weight plastic "wafer" the staff is designing. Perhaps it will be a child's mechanical hand now in preliminary production. Such hands, covered by gloves that duplicate the natural hand in color and surface markings, are attaining more and more of the efficiency and flexibility of the hook.

Whatever device Diana will be fitted with, it will be the most modern and most appropriate prosthesis for her life at that time. Meanwhile, her happy disposition is raising the morale of many an

BLOODMOBILE SCHEDULED

The Red Cross Bloodmobile will be at the Post Gym (Bldg. 5663) next Tuesday morning, at 8:30 a.m. Donors who contributed blood on August 11 can donate during this visit if they wish to do so, the Bloodmobile coordinators announced.

older amputee at the medical center.

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- Guitars
- Trumpets
- Organs
- Banjos
- Bake Sets
- Washing Machines

- Tractors
- Bicycles
- Tricycles
- Fire Trucks
- Sports Cars
- Gun & Holster Sets
- Games
- Boxing Gloves
- Wagons
- Chairs
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SP4 WILLIAM H. SHAMBAUGH

SP4 SHAMBAUGH TO GIVE ORGAN RECITAL SUNDAY

SP4 William H. Shambaugh will be presented in recital at 5:30 p. m. Sunday, Oct. 5, at the Redstone Arsenal Post Chapel, it was announced by Chaplain (Maj.) James H. Goewey, Post Chaplain.

The recital will be the first of its kind to be given at the Post Chapel. Maj. Goewey said, and all military and civilian personnel of Redstone Arsenal and their families are invited.

SP4 Shambaugh, of the Ordnance Guided Missile School, is Protestant choir director for the Post Chapel. He has studied both piano and organ for several years, and is a graduate of Bowling Green (Ohio) University where he majored in composition. A native of Ft. Wayne, Ind., he took part in musical productions of the Ft. Wayne Light Opera Festival for five Summer seasons before entering service. He is a member of the American Guild of Organists and attended its national convention held in July in Houston, Tex.

His program will include three original compositions, "Come, Christians, Join to Sing," "Air," and "Meditation on Trinity," the latter of which was written and performed for the dedication of

the Post Chapel last year.

The program will also include: "Agnicourt Hymn," "Dunstable," "Lord God, We All to Thee Give Praise," Pachelbel; "Rigadon," Campra; "The Fifers," D'Andrieu;

Special Services Activities

Post Gymnasium Operating Hours
Monday thru Friday — 1000-2200.
Saturday 0900-1200 and 1300-1700
Sunday 1300-1730.

LIBRARY OPERATING HOURS
Monday thru Friday 0900-2200
Saturday and Holidays 1000-2200.
Sunday 1200-2200.

Post Service Club Operating Hours
Monday thru Friday 1600-2200
Saturday 1000-2200.
Sunday and Holidays 0900-2200

POST SWIMMING POOL
Closed for winter season.

RSA BOWLING LANES OPERATING HOURS
Mon., Wed., and Sun. 1300-2300
Tuesday, Thursday, Saturday, Holidays 100-2300.
Friday 0900-2300.

LEAGUE PLAY
Friday morning 0900-1130.
Monday thru Friday 1800-2300.

CRAFTS SHOP OPERATING HOURS
Monday and Tuesday—Closed.
Wednesday thru Friday 1400-1630 and 1730-2200.
Saturday 0800-1630.
Sunday 1230-1930.

GOLF DRIVING AND ARCHERY RANGE OPERATING HOURS
Effective 4 Oct 53. Sunday thru

Maj. Washbourne Assigned to Command

Maj. Kyle V. Washbourne has been assigned to the Army Ordnance Missile Command as Chief of the Special Weapons Branch in the Office of the Assistant Chief of Staff for Research and Development.

Maj. Washbourne received a BA degree in mathematics from

Saturday 1300-1830.
GUNTERSVILLE RECREATION AREA

Monday thru Friday — 1400-2100.

Saturday, Sunday and Holidays — 0900-2100.

Northeastern State College, Tahlequah, Okla. He entered the Army in 1942 and served in the European Theater of Operations during World War II, receiving the Purple Heart, the Bronze Star, and the Belgium Fourragere. Prior to his assignment to the Missile Command he was Warheads Officer with the Missile Division, U. S. Army Artillery Board, Ft. Bliss, Tex.

He and his wife, the former Cecilia Fowler of Clarkson, Ky., have two children, Kyle Vance II, who is 10 years old, and James W., age 7. They reside on post.

Warning his teenage son about the evils of drink, a father cautioned: "Remember, the man who drinks like a fish is easily hooked."

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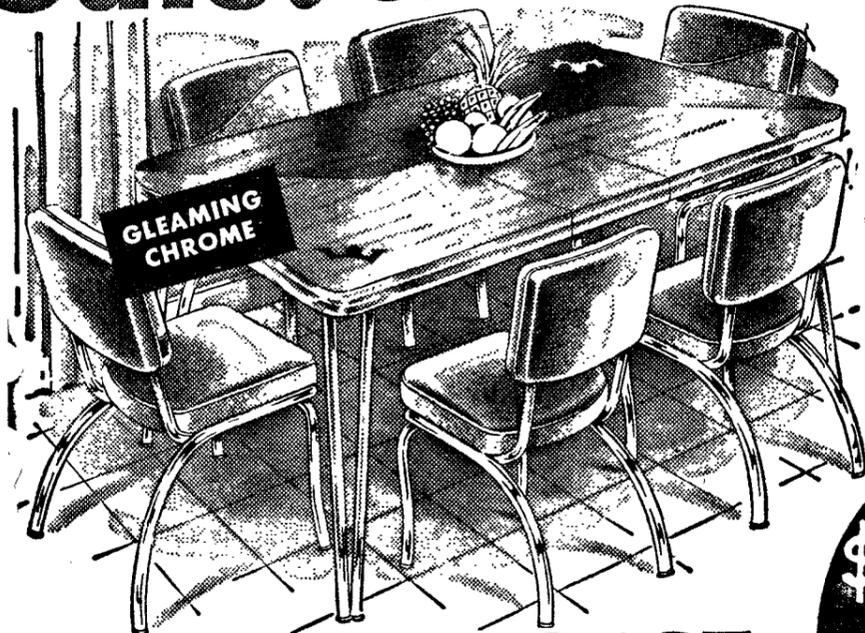
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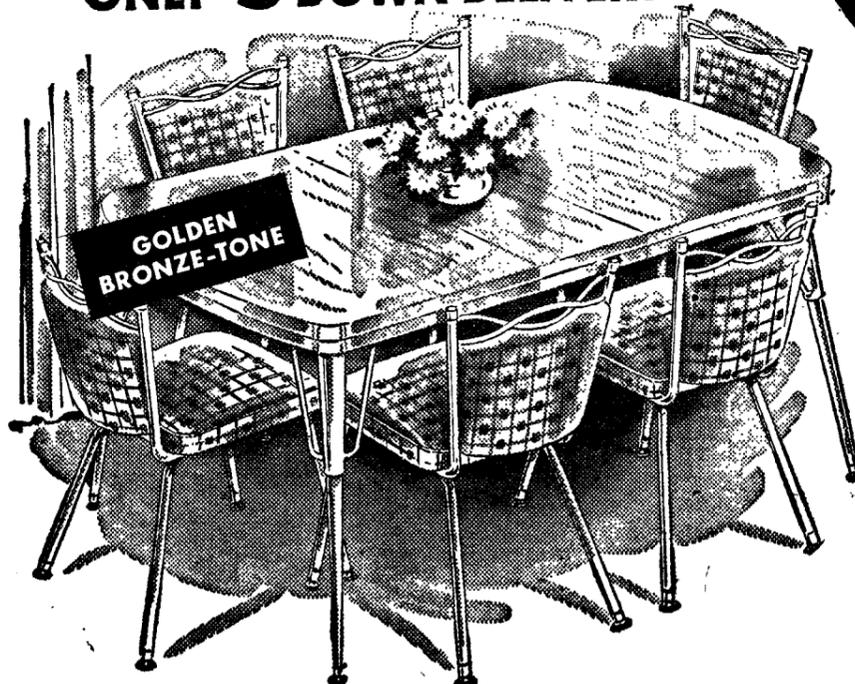
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White and colors

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BARBER SHOP FOR SALE: Gadsden's oldest established barber shop is for sale. This is the buy of a lifetime. Established in 1909, this modern air condition shop is Gadsden's best known shop. Four experienced barbers to serve the trade. **THEO KOTCH** chrome & green chairs, marble fixtures, full length mirrors, both walls. The equipment alone is worth two or three times the asking price. Very low rent and overhead makes this business a steal. Must sacrifice to settle estate. **PRICE \$1800.** Will sell or trade. Call or wire **G. K. GRIFFIN**, 320 Chestnut St., Gadsden, Ala. Dial LI 3-4474. Don't miss this buy, call today. If you sell — your commission is awaiting. 1tc

FOR SALE — 1958 Chevrolet station wagon, 4 door Brookwood V8, powerglide, radio, heater, W.W. tires, 2-tone paint. Call Redstone ext. 6984 or JE 6-7372 after 1800 hours. 1tc

FOR SALE — Complete boating outfit. 15' fiberglass Lonestar Continental 57 Evinrude 35 hp Lark, heavy duty tilt-bar Trailmaster trailer, skis, life preservers and other equipment. Reasonable. JE 6-8615. 1tc

HOUSEHOLD GOODS — 24 volume set of encyclopedia Britannica \$125. Couch-bed with matching chair \$35. Shopsmith with accessories \$175. JE 6-8615. 1tc

FOR SALE — 1 bedroom suite, dining room suite, dinette, electric stove, Frigidaire, odd tables and chairs, all in good condition and reasonably priced. See at **MIM'S COURT**, Apt. F-2. 10-1c

HOUSE FOR SALE — Well built 6-room ranch type, large bedrooms, 30 ft. living and dining area with wood burning fireplace, three large closets with sliding doors, two large linen closets, recreation room divided from Hotpoint kitchen with electric dishwasher by 8 ft. bar, utility room with Norge twins, beautifully furnished with Hotpoint range that cost \$500.00. Will sell furnished or unfurnished. For further information phone between 8 and 9 a.m. for appointment. Phone Guntersville JU 2-4964. 10-1p

FOR SALE — Harley-Davidson 165 motorcycle, 1958 model, metallic green, butterfly handlebars, extra chrome. Phone JE 6-3513. ttc

DO YOU NEED colored maid service? Let us help you with all your domestic help needs. Ph. JE 4-6437. Dixie Employment Service, 111½ Washington St., N. W. ttc

JOHNSON SEA-HORSE Sales & Service, boats, trailers, marine accessories, used outboard motors, easy terms. **AUTOMOTIVE PARTS Co.**, 610 Meridian St., Phone JE 2-5654. ttc

FURNITURE & APPLIANCE BARGAINS Drive out and see our display of quality home furnishings at wholesale prices. Our low overhead permits us to give you extra discount savings. Ask about our easy pay plan. Furniture Outlet Store, Meridianville, Ala., Phone JE 6-6857. Go Out-a-way — Less-to-pay ttc

MODERN HEALTH Club Services — Central YMCA, 203 South Green St. is offering massages, turkish baths, electric heat cabinets, ultra-violet and infra-red lamps, diathermy, sun lamp, swimming pool. Graduate Masseuse in charge. Phone JE 4-7131. ttc



PROMOTIONS DOWN THE LINE—Col. H. S. Newhall, OGMS Commandant, pins the major's gold leaf on the collar of H. M. Thomas, Jr., Secretary of OGMS, upon his recent promotion. Maj. Thomas in turn gives captain's bars to Kenneth J. Keating, a student officer at OGMS, following his boost from first lieutenant. Lt. Col. Ernest W. Ewbank, the School's Assistant Commandant, is seen at right.



SFC. DAVID E. ARD
* * *

Sfc. David E. Ard Is 'Safety Supervisor'

Sfc. David E. Ard is the "Safety Supervisor of Week." He is in charge of Military personnel assigned to the Post Transportation Office.

Sfc. Ard was selected "Safety Supervisor of the Week" because of his interest in accident preven-

tion. Training his men and setting the right example contributed to his selection. Recently he was asked what phase of accident prevention he considered the most important. He replied, "every phase is important, but if I had to pick one, proper training is the most important. If a man is not properly trained, he is headed for trouble."

In training men, he pointed out that he went through phases of the job and checked frequently to assure the man was following his training. Sfc. Ard is interested in safety off the job, also. He says that if you are hurt off the job it can be just as painful and costly as if it had occurred while on duty.

The "Safety Supervisor of the Week" was born in 1925 at Samson, Ala. He lived there until he was seven years old and then moved to Crestview, Fla. He attended the Crestview schools, then entered the Navy in 1943. In

1946 he enlisted in the Army. While in service he was stationed at Ft. Jackson, S. C.; Ft. Benning, Ga.; Ft. Eustis, Va.; Europe, Korea, and Labrador. He came to Redstone in December 1957. He spends his spare time hunting and fishing.

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Call JE 6-1554 or come out N. Memorial Parkway

FOR SALE—Rebuilt "Jeep" Engine and transmission, Grey Marine transmission and reduction gear, shaft, propeller, complete building plans for 22' cabin cruiser. Will accept best offer. Bill Merchant—JE 6-3933 or 6202. 1tp

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ROOMS FOR RENT—Single and double for men with good habits, completely and newly decorated, economically priced. Central Y.M.C.A Dial JE 4-7131 ttc

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LT. COL. LESTER H. LEVINE

Lt. Col. LeVine Named To Post in Asst. Chief of Staff Office for AOMC

Lt. Col. Lester H. LeVine has been assigned as Chief of the Weapons System Division in the office of the Assistant Chief of Staff for Military Application and Training at the Army Ordnance Missile Command.

Col. LeVine was formerly with the office of the Deputy Chief of Staff for Military Operations, Department of the Army, at the Pentagon. Upon his arrival at the Missile Command he was presented with a certificate of achievement for meritorious performance of duty during his Pentagon assignment from August 1955 to May 1958.

"During this period," the citation stated, "Lt. Col. LeVine served with singular distinction as Chief, Objectives Planning Branch and as Assistant Chief, Mobilization Planning Division of the office of the Director of Plans.

"He successfully completed the staffing of an extensive revision of the Headquarters, Department of the Army mobilization planning and programming system which culminated in its publication in Army Regulations. His tact, tenacity, recognition of related implications and ability to translate involved details into clearly understood briefs have contributed to significant advances in the methods of expressing mobilization requirements."

Maj. Gen. J. B. Medaris, Commanding General of the Army Ordnance Missile Command made the presentation of the certificate. Prior to his assignment to the Pentagon, Col. LeVine was an infantry battalion commander and regimental executive officer at Camp Losey, Puerto Rico.

He entered the Army in July 1940 and during World War II saw duty in the Asiatic-Pacific theater with the 503rd Parachute Infantry Regiment, participating in the jump on Corregidor in February of 1945 which was a part of the retaking of that island from the Japanese. In December 1945 he was assigned to the 11th Airborne Division in Japan as Acting G-1 (Assistant Chief of Staff for Personnel) and Assistant Adjutant General.

In 1947 he returned to the United States and the following year was assigned to Ft. Bragg, N. C., where he served as Assistant Adjutant General. This was

Adamsons, Drapers Share Garden Club Plaque Presentation

The Redstone Army Ordnance Missile Club plaque for the month of September was awarded jointly to Adamsons and Drapers. O. E. Adamson and A. J. Draper, who live at addresses 256-A and 238-B respectively.

Judging was based on scale, proportion, harmony of garden seat and weeds.

This award was monthly by the Garden Club to the yard the most improved lawn. All officers of the organization receive the award.

The committee congratulated the Drapers, and expressed appreciation for the effort to beautify their yards.

followed by an assignment as Action Officer G-1 at Headquarters, Third Army, Ft. McPherson, Ga. Prior to his assignment to Camp Losey, Puerto Rico, in 1952, Col. LeVine attended the Command and General Staff College at Ft. Leavenworth, Kan.

His decorations and awards include the Bronze Star with cluster, Purple Heart, Commendation Ribbon, Presidential Unit Citation, Philippine Liberator, Combat Infantry Badge.

He holds BS and MS degrees in Educational Research from Massachusetts State College. He is a

Operation Blonde



master parachutist. Col. and Mrs. LeVine have two children, Edward, age 16, and Ronald, 14. Col. LeVine is the son of Mr. and Mrs. Mark E. LeVine of Boston, Mass.

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