

Col. Lehtonen Heads RSA Industrial Div.

ASSUMES DUTIES AS SUCCESSOR TO COL. DeGUIRE

Col. Reino O. Lehtonen has recently assumed his duties as chief of Redstone Arsenal's Industrial Division.

He succeeds Col. Merlin L. DeGuire, who was assigned to a new post in Korea.

Col. Lehtonen comes to Redstone from the Industrial College of the Armed Forces, Ft. Lesley J. McNair, Washington, D. C., where he had been a student.

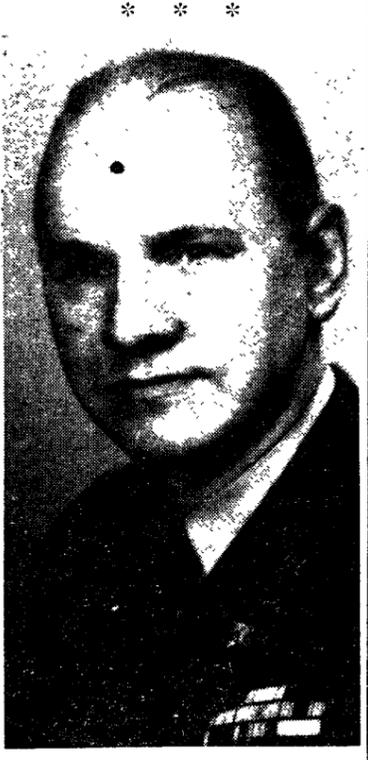
The colonel finished high school in Rahway, N. J., and graduated from Rutgers University (N. J.) in 1937.

He also graduated, in 1951, from the Command and General Staff College.

His decorations include the American Defense Medal, American Campaign Medal, Asiatic-Pacific Campaign Medal, Army Occupation Medal (Germany), Armed Forces Reserve Medal, National Defense Service Medal, and World War II Victory Medal.

Col. Lehtonen entered the Army in 1940.

He is the son of Mr. and Mrs. Frank O. Lehtonen, who make their home in Fairfax, Va.



COL. REINO O. LEHTONEN

ALL ARMY MISSILE CONTRACTORS DUE

Test Equipment Conference Scheduled Here Next Week

200 TO ATTEND; HALF ARE LOCAL

A Test Equipment Conference, attended by all of the Army's guided missile contractors, will be held at Redstone Arsenal next Tuesday, Wednesday, and Thursday.

About 200 persons, half of them representing local organizations, will attend.

The conference will be a meeting of engineers who do development work on missile test equipment. The prime contractors on nine Army missile systems will present the various approaches in development and swap ideas. Each contractor is responsible for test equipment required by his system.

In addition to the contractors' presentations, several Ordnance arsenals and the Signal Corps will have parts on the three-day program.

The meeting, sponsored by the Support Equipment Section, Technical Development Branch of Redstone's Research and Development Division, will be held at Rocket Auditorium. Col. M. R. Collins, chief of the Research and Development Division—Ordnance Missile Laboratories, will welcome the conferees at the opening session.



INSPIRATION AND FAITH — A charge of three Methodist churches keeps Sgt. (Reverend) Harry Mullins, a training non-com at the U.S. Army Ordnance Guided Missile School, busy attending prayer meetings and preaching sermons. A chaplain's sermon while he was stationed at Ft. Monmouth, N. J., gave him his first inspiration.

MISSILE GROUP FROM AIR FORCE VISITS AGENCY

A group of U. S. Air Force officers representing the Ballistic Missile Division headed by Maj. Gen. B. A. Shriever, spent two days last week at the Army Ballistic Missile Agency.

The visit was one of a continuing series worked out by Gen. Shriever and Maj. Gen. J. B. Medaris, who commands ABMA, for exchange of information on the long-range ballistic missile programs of the Army and the Air Force.

Col. C. G. Patterson, chief of the Department of the Army staff at the Missile Agency, was in charge of presentations by ABMA personnel.

The Air Force officers included Col. W. C. Erlenbusch, Col. C. D. Sutherland, Lt. Col. J. B. Tuelker, Lt. Col. G. R. Vandenhuevel, Maj. E. H. Peterson, Maj. W. J. Murphy, Maj. R. W. Benner, Maj. C. F. Long, Maj. A. F. Sult, Maj. C. H. Venable, and Capt. S. W. White.

Maj. Smith Brings Wealth of Experience To Club Officer Job

Maj. Otis L. Smith brings a wealth of experience to his job as club officer for the Officers Open Mess.

He came here from Ft. Monroe, Va., but he spent about 10 years on previous assignments as club officer in such places as Ft. McClellan; Ft. Jackson, S. C.; Pusan, Korea; and Stuttgart, Germany.

Maj. Smith has also been in the Infantry and Special Services. At Ft. Monroe, the major was the Post Exchange officer.

Mrs. Smith will join him in about a week. At present she is residing in Tallahassee, Fla., but soon they will move into Weeden Manor on the post.

ENGINEERS NEEDED FOR ABMA JOBS AT FLORIDA BASE

The Army's long range ballistic missile program has urgent need for at least 15 civilian engineers.

Electrical, electronics, and aeronautical design engineers are offered employment in the Missile Firing Laboratory, located at Patrick Air Force Base, Cape Canaveral, Fla.

They will participate in test launchings of the Redstone Ballistic Missile and other weapons. (See ENGINEERS on Page 2)

HAWK CONFERENCE IN SECOND DAY

The second half of the two-day conference on the Army's new Hawk anti-aircraft guided missile began this morning at Redstone Arsenal.

Some 400 representatives of the Army, Navy, Air Force, Marine Corps, and private industry are attending the meeting, which ends late today.

Field deployment of the Hawk is the main topic of the conference. This is the second such conference on the Hawk missile. The first, in March 1956, emphasized the system design, whereas the current meeting emphasizes field use of the weapon.

POST REPRESENTED AT BOY SCOUT WORLD JUBILEE

Redstone Arsenal is represented at the Boy Scout World Jubilee this week in England by a set of models of the Army's guided missiles and rockets.

Three Huntsville Scouts and Robert L. Haskins, executive secretary of the Tennessee Valley Council, carried the exhibit to (See JUBILEE on Page 2)

ARMY'S CHIEF OF TRANSPORTATION ABMA VISITOR

The Army's Chief of Transportation, Maj. Gen. Paul F. Yount, visited the Army Ballistic Missile Agency yesterday.

He was accompanied by Maj. Gen. Rush Lincoln, who commands the Transportation Training Command at Ft. Eustis, Va.; Maj. Gen. Evan M. Houseman, who commands the Atlantic Transportation Terminal at Brooklyn, N. Y.; and Brig. Gen. William Bunker of the St. Louis, Mo., Transportation Supply and Maintenance Command.

The visitors were briefed on ABMA's history, mission, training activities, and military applications of ballistic missile systems. They toured the fabrication laboratory and test area.

They also lunched with Maj. Gen. J. B. Medaris, who commands the Missile Agency, and his staff officers.

Transportation Corps support of the Agency is handled by Maj. H. R. Del Mar.



HEAD ARMY EMERGENCY RELIEF CAMPAIGN HERE — The four officers shown above are conducting the annual Army Emergency Relief Campaign, now underway, for this installation. Left to right are Capt. Paul F. Woodall, Capt. Frederick L. Young, Lt. Col. Louis F. Driver, Jr., and CWO Smith A. Dawson. The local campaign, which is part of a drive carried on throughout the U.S. Army, will continue the rest of this month. AER is organized for the purpose of rendering emergency financial assistance to members of the Army and their families.

OGMS Sergeant Serves 3 Churches as Pastor

BY AL CONTENTO

It takes two clocks, a 57 automobile, and perseverance mixed with strong faith to help Sgt. (Reverend) Harry N. Mullins of the U. S. Army Ordnance Guided Missile School preach at his charge of three Methodist churches.

On the average Sunday, Mullins, a training non-com here at OGMS, preaches at the Lincoln Methodist Church in Huntsville, at the Fairview Methodist Church, six miles north of Huntsville, and at the State Line Methodist Church on route 231 at the Alabama-Tennessee line. During the week, he presides at a prayer meeting in each of these churches.

It takes two clocks to keep Mullins on schedule because two of

his churches run on daylight saving and the third on standard time.

Not only does Mullins have to watch the time, but he also has to keep an eye on the calendar. On the first and third Sundays of the month, he preaches at the 9:30 service of the Lincoln Church, the 11 o'clock service at the State-Line Church, and the evening service at the Fairview Church.

The second and fourth Sundays, the arrangement is varied but the result the same—Mullins still preaches at three different churches, not to mention the weekly prayer meetings.

If that weren't enough, Mullins often conducts the invocation and benediction at OGMS graduation exercises.

Mullins, who's been in the Army about 11½ years, plans to study for his Doctor of Divinity degree and permanently exchange his khaki for the white of the ministry when he retires in 1967.

Mullins doesn't know just when he thought about preaching, but that he was "called" to the ministry by divine inspiration.

He had often dreamt about preaching, but not until a peculiar experience did he become resigned to his fate.

He was listening to a sermon in a chapel at Ft. Monmouth, N. J., when he suddenly felt that "what the minister was saying seemed to apply directly to me". The sermon dealt with man's postponing service to God with excuse after excuse.

The following Sunday, Mullins heard another preacher deliver a sermon almost identical with the previous one. Again he felt the words directed to him.

He told the chaplain he felt he had been "called" and that if God wanted him to preach, He would send someone to him.

After his stay at Monmouth, Mullins transferred to OGMS. A short time after arriving here, Charles Gillam, a Methodist minister, visited him and offered assistance in achieving Mullins' ambitions. (See PASTOR on Page 2)

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 Army Ballistic Missile Agency, Redstone Arsenal and Ordnance Guided Missile School in accordance with an agreement between the publisher and the Public Information Office, Redstone Arsenal, Huntsville, Alabama.

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PASTOR

(Continued From Page 1)

Soldier-preacher Mullins was born, raised, and educated in Charleston, W. Virginia.

Mullins' Army career began when he received his draft notice which took him from an usher's job in a Charleston Theatre to Ft. Knox, Ken. for 16 weeks basic training.

He was sent to clerk-typist school, then transferred to cooks and bakers school because of an excess of clerk-typists.

On midnight of Mother's Day, May 11, 1942, Mullins went overseas to begin a tour that took him through Ireland, England, Africa and the African Campaign, and Italy.

On July 27, 1945, Mullins was discharged and entered upon a career as a sales representative for several hardware manufacturers. He left this job when the Korean conflict prompted his recall to active duty on December 4, 1950. After a seven month stay in Korea, Mullins was sent to Ft. Belvoir, Va., where he developed an interest in Troop Information and Education and requested training at the Army Information School at Ft. Slocum, New York.

His public speaking training there, Mullins observes, has helped him considerably in his preaching. After various TI & E assignments, Mullins assumed his present position at OGMS.

Mullins is married to the former Miss Fontaine Taylor of Charleston. The couple celebrated their tenth wedding anniversary last June 23.

JUBILEE

(Continued From Page 1)

England from the Scouts' National Jamboree at Valley Forge, Pa. The Scouts, all members of Troop No. 17, are Edward Miller, Barry Johnston, and Mike Sefton.

The models were combined in a display by the Scouts to com-

ENGINEERS

(Continued From Page 1)

projects of the Army Ballistic Missile Agency. The Agency maintains its own facilities and staff on the Air Force base from which the giant rockets of the Armed Forces are launched.

Inquiries should be addressed to Briant Mathews or R. B. Pratt in the ABMA Personnel Office at the Air Force base. The positions are in the Federal Civil Service. Recent college graduates, as well as experienced engineers, may apply.

Ranging from GS-5 to GS-12 level, the positions pay entering salaries of from \$4,480 to \$8,645 depending upon education and experience.

Barbershop Quartet Songfest Is Held

Huntsville residents attending the "Guest Night" meeting of the Rocket City Chapter of the Society for the Preservation and Encouragement of Barbershop Quartet Singing in America, Inc., last Tuesday heard the songs of yesterday voiced in the melodious tones of four quartets.

Three quartets from the Huntsville Chapter and one, "The Four Bits," from Tullahoma, presented the two-and-one-half-hour program to approximately 80 persons.

Master of ceremonies for the presentation was Bob Burleson.

Coffee and doughnuts, donated by Mr. and Mrs. R. E. "Red" Bennett, owners of the Holliday House on Memorial Parkway where the meeting was held, were served during intermission.

The Rocket City Chapter of the SPEBQSA holds its meetings every Tuesday at 8 p.m. at the Holmes Street Methodist Church. The public is invited to attend any time.

pare the weapons of stone age man with those of the Futurarmy.

The Jubilee is observing the 50th anniversary of Scouting, and the 100th anniversary of its founder, Lord Robert Baden-Powell.

ABMA Officers Wives Will Be in Charge of Morning Coffee Tues.

A committee of wives of officers from the Army Ballistic Missile Agency will be in charge of the morning coffee for the Officers Wives Club at the Officers Open Mess on Tuesday, Aug. 13.

The coffee will begin at 10 a.m. Reservations for members and their guests should be made by noon Monday, August 12. To make a reservation, Mrs. H. B. Del Mar, extension 4751, or Mrs. G. P. Elliott, extension 5455, should be contacted.

For nursery reservations, Mrs. J. B. Collings can be reached at extension 6553 or Mrs. L. Sheeran at extension 2957.

Individuals on the permanent reservation list who wish to cancel the August reservation should call 3356. The same applies to individuals who are leaving Redstone Arsenal so that their cards can be pulled from the file.

Or, if an address is changed, the individual should notify Mrs. R. P. Beatty at extension 5658.

Miss Elliott Fetes Cousin Visiting Here

Miss Lucy Elliott entertained at an informal evening party Monday night honoring her cousin, Miss Julie Elliott, who is visiting her.

Approximately 25 teen-agers attended the affair at the Elliotts' home at 22 Ripley Drive.

Lucy is the daughter of Lt. Col. and Mrs. Glenn P. Elliott. Julie is the daughter of Mr. and Mrs. D. O. Elliott of Tampa, Fla.

Notices Being Sent To Credit Union Pass Book Holders

Joe Mitchell, assistant treasurer of the Redstone Federal Credit Union, has announced that notices are going out to pass book holders who have not brought or sent their books to the Credit Union Supervisory Committee for audit and posting.

He pointed out that the extra notices are an added expense to the Credit Union. So far, he stated, only about 41 per cent of the books have been audited.

The Credit Union office is in Bldg. 1049. Office hours are from 11:30 a.m. to 5:00 p.m. Monday through Friday.

Reserve Unit Leaves For Summer Camp; Huth Heads Outfit

The 411th Ordnance Supply and Maintenance Group of approximately 25 Army Reserve officers and enlisted men has left for 15 days active duty training at the Atlanta General Depot from 4-18 August.

This group, commanded by Col.

Former RSA Officer Honored by Artillery Outfit in Germany

Capt. William H. Fogel, formerly of Redstone Arsenal, has been made an honorary artilleryman in Germany and a member of the Order of St. Barbara, the Patron Saint of Artillery.

This honor was bestowed upon Capt. Fogel recently during a review given by the 74th Field Artillery Battalion at McKee Barracks, Crailsheim, Germany, for Col. Vernon Rowie, the 18th Field Artillery Group's departing commanding officer. Capt. Fogel shared the review stand with the colonel.

This membership has never before been extended to anyone outside the artillery by the 18th Group.

"Since our first meeting I have felt that Capt. Fogel was one of us," Col. Rowie stated in making the presentation. "Everything that has been asked of him and the 6th Ordnance has been made available, if possible, and sometimes when not possible."

Formerly a member of the RSA Field Service Division staff, Capt. Fogel has been stationed at McKee Barracks since last Summer as the commanding officer of an Ordnance company, which supports five of the six battalions in the 18th Group.

He is the son-in-law of Mrs. Ophelia Mitcham, RSA Management Division.

PICNIC HELD

About 150 persons enjoyed a barbecue picnic recently held on Monte Sano by personnel of the ABMA Fab Lab Assembly Shop

(USAR) Chauncy W. Huth, of Redstone Arsenal, will direct the training of units from five states.

Col. O'Keefe Attends Ordnance Talk

Col. Keith T. O'Keefe, Redstone Arsenal deputy post commander, recently attended the Ordnance Conference at Ft. Sam Houston, Texas.

Conferees at the two-day meeting reviewed and discussed policies and procedures, the guided missile program, and explosive ordnance disposal problems. They also exchanged ideas relative to methods and means for achieving increased production in Army Ordnance units.

MOVIE SCHEDULE

Wednesday, Aug. 7— "Bop Girl Goes Calypso" starring Judy Tyler, Bobby Troup and Mary Kaye Trio (Family) Time 1900.

Thursday, Aug. 8 — "Run of the Arrow," starring Brian Keith, Rod Steiger and Sarita Montiel (Mature) Time 1830 and 2030.

Friday, Aug. 9 — "Drango," starring Jeff Chandler, Joanne Dru, and Julie London (Family), Time 1900.

Saturday, Aug. 10 — "Apache Warrior" starring Keith Larson and Jim Davis (Family) Time 1900.

Sunday, Aug. 11 — "Giant" starring Rock Hudson, Elizabeth Taylor, James Dean and Carroll Baker (Mature) Time 1830 and 2030.

Monday, Aug. 12 — Closed.

Tuesday, Aug. 13 — "Island in the Sun" starring James Mason, Harry Belafonte, Joan Fontaine and Joan Collins (Mature) Time 1900.

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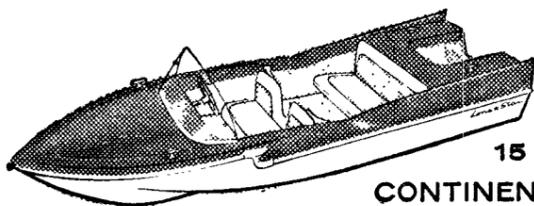
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WINS COMMENDATION RIBBON — Maj. Gen. H. N. Toftoy, commanding general of Redstone, congratulates M/Sgt. Phillip R. Hugel, Jr., for earning a Commendation Ribbon with metal pendant while on duty as an administrative assistant at the United States Army Hospital at Redstone. Sgt. Hugel is now an administrative assistant in the office of the deputy post commander. With him during the brief ceremony was Mrs. Hugel. The sergeant is the son of Mr. and Mrs. Phillip R. Hugel, Sr., Armonk, N. Y. A part of the citation accompanying the medal reads: "Due to a critical shortage of officers and enlisted men, M/Sgt. Hugel served as administrative assistant to the hospital executive officer, and on numerous occasions acted as air evacuation NCO at nights and on weekends, habitually working beyond normal duty hours to assure the efficient operation of all administrative functions of the hospital and post surgeon activities. He performed all assigned duties, many of them normally assigned to a commissioned officer . . ."

COL. EWBANK RUNNER-UP IN SENIOR DIVISION OF THIRD ARMY TENNIS

Lt. Col. Ernest W. Ewbank, Jr., was runner-up in the senior division of the 1957 Third Army Tennis Tournament last week, out of a field of 24 players.

SP3 Robert J. Farrell took fifth place in the open tennis matches, out of 48 participants.

M-Sgt. Raymond C. Riley won fifth place in senior golf play, out of a field of 48.

SP3 Farrell and Sgt. Riley were chosen as alternates to take part in the forthcoming All-Army Tennis and Golf Tournaments in the Sixth Army area.

RSA, Mason-Dixon Toastmasters Hold Meeting Together

In lieu of the weekly meeting of the Redstone Toastmasters Club on July 30, a joint meeting of the Redstone and Mason-Dixon Clubs was held, at Morrison's restaurant. Each club furnished two speakers and two critics to the program.

Walt Barney of the Redstone Club was elected "best speaker" for a discussion of some common errors in organization. Other speakers on the program were Dr. Pat Martynoni of the Mason-Dixon Club, who explained the contributions of bio-chemistry to human welfare, Jack Nelson of the Redstone Club who discussed the importance of a pat on the back in human relations, and Charles Garrigus, who reviewed the obligations and benefits of freedom.

A. A. Stewart served as Toastmaster for the evening. Jim Keat was general evaluator and table topics were led by Stan Houck. All are from the Redstone Club, which acted as host.

Jack Nelson was awarded a trophy as a three-time winner of the

'CHEER UP'

As I sat musing
Alone and melancholy,
Without a friend,
There came a voice
Out of the gloom
Saying, "Cheer up;
Things might be worse."
So I cheered up
And sure enough
Things did get worse.



"best speaker" award. The "best speaker" award is made to one speaker at each meeting; when a man who has been selected three times, he is given a cup for his permanent retention. The award was made by John Gullick, educational vice president of the Redstone Club.

A guest for the program was John Higdon, a former president of Toastmasters and of the Huntsville Junior Chamber of Commerce.

Lewis Aycock of Gurley, deputy chief of the ABMA Financial Management Office, has won a \$300 check for sustained superior performance. Aycock was formerly employed by Birmingham Ordnance District. Aycock's superior, Lt. Col. W. J. Durrenberger, witnessed the presentation, by Brig. Gen. J. A. Barclay, deputy ABMA commander.

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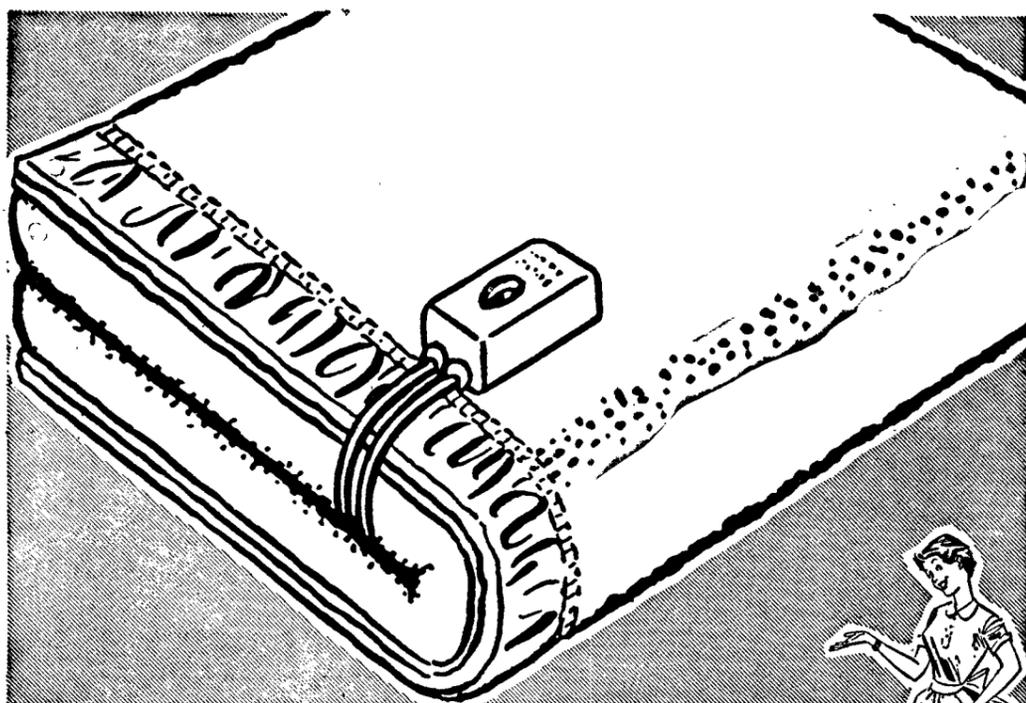
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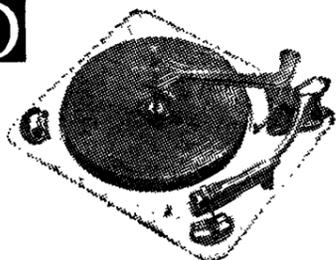
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ENLISTED AT AGE OF 15

OGMS Sergeant Plans Retirement--at 35

BY PVT. AL CONTENTO

Sgt. Paul William Fitzpatrick, a personnel sergeant at the U. S. Army Ordnance Guided Missile School may well have a unique claim to make.

He enlisted in the Army at the tender age of 15, has 10 years already under his belt (he's now 25), and will retire at the likewise tender age of 35.

It all started when Fitzpatrick, a gay young blade of 14, enlisted in the National Guard in his home town of Birmingham. After about ten months in the Guard and just nine days after he had turned 15, Fitzpatrick enlisted in the Regular Army.

Although the minimum age for enlistment is 17½, Fitzpatrick's size (he was six feet tall and weighed 168 pounds) together with his parents' consent got him in the service. He's only gained a half inch in height and 21 pounds since.

Fitzpatrick has the distinction of having two enlisted serial numbers — a National Guard number and a Regular Army number. When he joined the Army, he neglected to mention he had been in the Guard; and he's had two numbers ever since. re-

gardless of attempts to clear it up.

Fitzpatrick's Army career has been interesting, to say the least.

He took 16 weeks of basic training at Fort Jackson, S. C. From there he went to Camp Stoneman, Calif., in preparation for going to Korea. He was assigned to Compan I, 32nd Infantry Regiment, 7th Infantry Division.

During his stay in Korea, Fitzpatrick was a permanent sentry at the Russian Consulate in Seoul, first cook at a banquet for then Secretary of the Army Royals, and an honor guard for General MacArthur then Supreme Allied Commander in the Far East. Fitzpatrick was only 16 at the time.

The Korean phase of Fitzpatrick's career ended when he was discharged at Camp Stoneman.

He reenlisted and was sent to Fort Myer, Va. After a short stay in cook school, he requested and was granted service in the Quartermaster Corps as a Supply and Correspondence Clerk.

While at Ft. Myer, all kinds of strange things happened to Fitz-

patrick. On one occasion, he fell asleep at the edge of an outdoor post pool and came up with second degree burns. To make up the three days he spent in quarters, three days were added to his enlistment — Fitzpatrick was really burned up.

Upon occasion, Fitzpatrick took Gen. Lawton Collins' (then Army Chief of Staff) uniform to the cleaners. On these trips he received salutes from many confused servicemen who could see nothing but four stars sitting on the epaulets of the jacket Fitzpatrick was carrying.

Fitzpatrick had another experience at Ft. Myer he won't easily forget — he married Patricia Ann Elwell, a Wac who worked at the Pentagon. Fitz was 17 at the time.

When Fitzpatrick moved to Camp San Luis Obispo, Calif., his Quartermaster experience at Ft. Myer landed him a position as Dental Supply Sergeant. Meanwhile he attended X-ray technical school.

From sentry to cook to supply clerk to lab technician, and Fitzpatrick's story is still incomplete.

In February of '53, Fitzpatrick again went overseas. This time it was to Augsburg, Germany, where he was to stay for 27 months.

He went to Germany as a corporal and within two months, he was made sergeant of a collecting platoon in a medical company of the 11th Infantry, 5th Infantry Division. Fitzpatrick went Stateside again when he was transferred to Red River Arsenal, Texas. From there he went to Aberdeen Proving Ground, Md. Fitzpatrick put in a request for OGMS, was sent here as a personnel clerk, and has been here ever since.

Mrs. Fitzpatrick works in the Guided Missile Branch of the

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Officer Training Division at OG MS. They maintain a residence at Mrs. Fitzpatrick's hometown of Saco, Maine. Here in Huntsville, the Fitzpatricks live at 311 Walker Street. They have two daughters, Kathleen Grace, 5 and Kelley Lynn, 8 months.

Sgt. Fitzpatrick enjoys model and roller skating. If all goes plane building, archery, boxing, well, he hopes to retire after 20 years at the age of 35 and go "hog-wild" with his hobbies.

Father: "Well, son, what did you learn in school today?"

Son (proudly): "I learned to say 'Yes, sir' and 'No, sir' and 'Yes, ma'am' and 'No, ma'am'."

Father: "Oh, really?"

Son: "Yeah."

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EASY TERMS!

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Ga. Tech Grad Works In ABMA Lab Before Resuming His Studies

A June graduate of Georgia Tech is spending three months in the Structures and Mechanics Laboratory of the Army Ballistic Missile Agency before resuming his studies for a master's degree.

He is Robert Willoughby of Atlanta. He won a bachelor's degree in physics and will specialize in nuclear science when he returns to Tech in September. Willoughby is a member of Sigma Pi Sigma, physics honor society, and was vice-president of the Tech chapter.

A former serviceman, he spent two years in the Army and was a radio repairman in SHAPE Headquarters, Paris, France. He was engaged in the auto business and was also employed by a Lake land, Fla., bank before completing his college education.

Last summer, Willoughby also worked at ABMA. He found the practical experience helpful and is considering guided missile work as a career. He is now employed in the preliminary design section.

A graduate of Boys High School in Atlanta, he is the son of Mr. and Mrs. E. L. Willoughby of Decatur, Georgia. He is married and visits his wife, Peggy, on week-ends.

While in Huntsville Willoughby lives at 205 South Lincoln Street sharing a cottage with three other college students, two from Auburn and a third from Texas.



ROBERT WILLOUGHBY

Bunker Hill Scion Tall for Grandpa

FORT CARSON, Colo.— They were either too young or too old, till along came Hugh. Private Hugh Leland of (175 Silvermine

Ave.) Norwalk, Conn., is the first of the Lelands to serve in the armed forces since great - great - grandfather Eleazer Leland and great-great - grandfather Cyrus Leland fought at Lexington and Bunker Hill.

Since that time, all the descending male members of the Leland family have been underage, overage, or, in one case physically unable to serve when the United States was at war. Private Leland is assigned to the 84th Field Artillery Battalion here.

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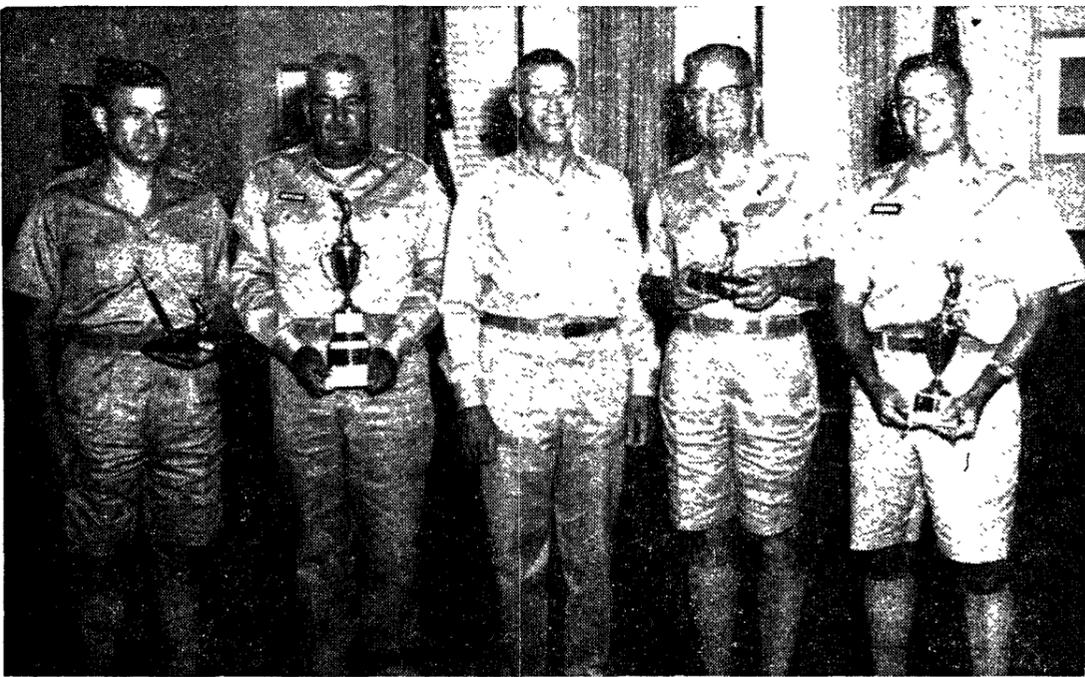
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GOLF TROPHIES—Recently golf trophies were presented to the four top men in the recent Arsenal golf tournament. Winners pose with Maj. Gen. H. N. Toftoy, Redstone Arsenal commanding general, who made the presentation during a brief ceremony. Left to right above are: Capt. Harold E. Jensen, runner-up in the match play; M-Sgt. Raymond C. Riley, winner of the medalist play; Gen. Toftoy; Lt. Col. B. B. Drummond, runner-up in the medalist play; and Lt. Thomas B. Tucker, winner of the match play. (Photo by Mac McCrany)



BOWLING KING — Master Sergeant Edward J. Hickey (center) holds trophy presented him as the bowler with highest individual average in the Redstone EM Bowling League. Hickey spear-headed the champion team from Headquarters and Headquarters Detachment of the Ordnance Guided Missile School. At left is OGMS Troop Commander Lt. Col. Louis F. Driver. At right is OGMS Commandant Col. Henry S. Newhall.

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MANY GOOD BUYS!

SPECIAL Assortment of Prints
Crease resistant cottons, Vat dyed, guaranteed fast colors. **3 yds. \$1.00**
Including our crease resistant Black Magic, little or no iron, Good conduct and many other well known names.
Signature Prints Golden Book Prints. Many colors and characters of the children's Golden Books.
Fine art fabrics original designs from the gallery of the associated American Artists. Ruffie or Squaw Cloth—plain and printed, fast colors to washing, no ironing required.
Crease resistant, little-or-no-iron, made of mercerized cotton. Regular retail price—\$1.19 to \$1.29 yd. Broadcloth — Good quality, guaranteed fast to washing, all plain colors.
ANNIVERSARY SPECIAL 69¢ YD. Triskov — Printed and plain—Pat and Puff—Plisse plain and printed both dark and light colors.
Denim stripes and plain—Any of the above priced for our Anniversary.
ANNIVERSARY SPECIAL 39¢ YD. Denim stripes and plain—Any of the above priced for our Anniversary.
WAMSUTTA WAMSUTTA SUPERCAL SHEETS
Good Conduct Wamchecks, combed cotton gingham checks mercerized and sanforized. Reg. 98c to \$1.19 yd. val. Another Anniversary special. **59c yd.** AND PILLOW CASES - - PASTELS AND WHITE
Gingham Plaids 40% TO 50% OFF REG. RETAIL PRICE
Sanforized, all fast colors. Good assortment of dark plaids. Reg. val. 89c yd. Our Anniversary Price. **49c yd.** SHEETS
Percale irregulars; Good Buy—72 x 108—\$1.35 Ea.
SWAN LAKE 81 x 108—\$1.45 Ea.
Combed cotton Petit Point, little or no ironing needed, crease resistant, Reg. Val. \$1.19. Another Anniversary Special. **69c yd.** 90 x 108—\$1.89 Ea.
Contours Percale—Twin size—\$1.35 Ea. Double—\$1.45 Ea.

Just Received
New shipment of Wool, Tweeds Plaids, solids and checks all 60 in. wide. Anniversary price range. **\$1.98-\$2.49-\$2.69 Yd.**
You will find tremendous bargains in our Drapery materials all preshrunk, vat dyed and guaranteed washable, 48 in. wide.
We have patterns in Provincial, modern, scenic, florals, geometric. Reg. Val. \$1.98-\$2.98 Yd. Our Anniversary Price 59c—**\$1.29 yd.**
Solid Colors
Wonderful selection of colors—Reg. price, \$1.98 to \$2.98. Anniversary Sale Price. **\$1.29 yd.**

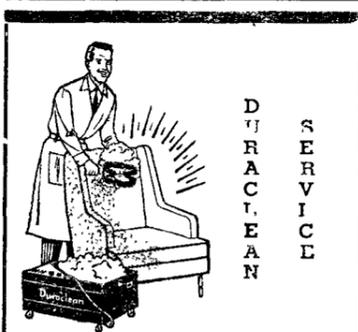
First Quality
Drapery lining, white and cream. Reg. 98c value for our Anniversary. Our Price **59c yd.**
Draw Rods \$1.79 up
Complete line of pleater tape, pleater hooks, and pins, cafe rings, cafe rods, scalloped tape for cafe curtains.

We also have a complete line of sewing notions, including Butterick and Simplicity Patterns.

PRINTS & SOLIDS YD. 19¢
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A FIRST AT OGMS — Sergeant First Class Herbert W. Norton is the first enlisted man at the U. S. Army Ordnance Guided Missile School to complete the Associate Ordnance Company Officers correspondence course. Norton's accomplishment is remarkable because he has completed this course while studying at OGMS. Presenting the Certificate of completion and a letter from The Ordnance Training Command is Col. Henry S. Newhall, commandant of OGMS. Looking on is Sgt. Norton's company commander, Capt. Clarence E. Ayres.

At The Service Club

Pay Day! Nothing like bills shuffling and coins clanking to set ambition afire and make dreams seem real. Since payday a few of the EM have deserted the routine of bridge, ping pong, and TV down at the club for more costly pursuits. We miss you all, but have fun! Anybody got a dollar?

Molly's back and all aglow from her trip to Texas and Mexico. She's Texas born and bred, and even a mention of the great state makes her eyes light up. If you ever have a day off with nothing to do, ask Molly what makes Texas so great. You may never know what made the day pass so fast, but you'll know all about Texas.

On the 29th the TV room overflowed with spectators for the Patterson - Jackson bout. Comments at the end of the final round indicated that everybody's predictions were correct. Jackson found out, I suppose, that a pugilist is as pugilist does.

There were a great many contenders for the bingo prizes also. Many tied for the ten prizes, consequently there was much flipping of coins to decide the

winner. Pearl Dinsmore won cigars one night. I'm waiting for her endorsement before I try them. A whole new era could develop from this incident.

The Chess Tournament is still in progress. This is regular meeting night for this group. Be there

at 1900 to develop or display your skill at the game. For the pool champs a tournament gets underway tomorrow night, and on Friday we'll display our skill at whipping up something for the Dessert Hour.

We would like to get the bridge players together on the 11th for a party. Refreshments will be provided for everyone, and a

Civil Service Board Has Announcements

Three new announcements for positions have been issued by the U. S. Board of Civil Service Examiners.

Announcement no. 5-35-24(57) calls for metal surface treaters at WB-8 (\$1.79 per hour), WB-12 (\$2.08 per hour) and WB-15 (\$2.30 per hour).

Announcement no. 5-35-25(57) is for steamfitters at WB-14 (\$2.22 per hour). This supersedes announcement no. 5-35-10(52). Anyone qualifying on the old examination who still wants to be on the register must reapply under this announcement.

Announcement no. 5-35-26(57) calls for experimental jet engine

high score prize goes to the winner. The competition will be rough, but a few grand slams and there's nothing to it.

Here's an EXTRA! Just received word in the mail that girls in Birmingham will be here Friday Night the 9th for a dance!! Bob Miller and his orchestra will provide music from 9 til 12. Let's everyone get those ties and coats ready and have a big night of it.

I'll give you a quick preview of the coming attractions such as the tour to Lookout Mountain and Rock City in Chattanooga, Tenn., on Saturday, the 17th. The Service Club will take along a picnic lunch for all who have signed up for the trip, so be sure you sign up for the trip before the 15th if you plan to go along.

See you at Coffee Call - and speaking of Coffee Call, we're sorry about the last minute caffeine-free substitute last week. Won't happen again.

MURIEL



KENT CORNELIUS of Route 3, Albertville, has won a \$180 suggestion award for developing a multiple cutting tool in use at the Army Ballistic Missile Agency. Brigadier General J. A. Barclay, deputy commander, presented the check to Cornelius. Estimated savings of \$5,068.36 in missile production resulted from the adoption of his idea, which also insured more reliability.

mechanics at WB-16 (\$2.37 per hour) and WB-18 (\$2.52 per hour).

PAINT ----- \$1.98

(Inside or Outside) Per Gal.

FOAM RUBBER
Random Lengths Up to
4" Thick 1.00 lb.

Army-Navy Surplus Co.
No. 7 S. Side Square
"We Buy and Sell Anything"
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Open A! Day Wednesday
& 'Til Late Thursday Night



Big Food Values!!

WEDNESDAY THRU SATURDAY

HUMKO

3 LB. CAN
ONE LIMIT

59¢

COLONIAL SUGAR

5 LBS.
ONE BAG LIMIT

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AMERICAN — DELUXE

COFFEE

REGULAR OR DRIP
1 CAN LIMIT

1 LB. CAN

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TOMATOES

EXTRA LARGE — EXTRA NICE, LB.

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T-BONE STEAK

National - Flavorful
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BEST BUYS IN

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ROUND STEAK

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NATIONAL - FLAVORFUL
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BEEF RUMP ROAST NATIONAL - FLAVORFUL - CORN FED
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SPICED LUNCHEON MEAT

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GROUND BEEF

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SHRIMP

MEDIUM

1 LB. 69¢

5 LB. BOX

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LOOK FOR THIS
NEW SERVICE
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HEINZ — STRAINED

BABY FOODS

6 jars

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ARKANSAS ELBERTA

PEACHES

3 LBS.

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NATCO — SLICED

CHEESE

8 OZ. PKG.

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AMERICAN, SWISS & PIMENTO

NATCO

BEVERAGES

4 24 OZ. BOTTLES
TAKE HOME A
GOOD SUPPLY!

49¢

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The portable for the whole family... helps students
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THANKS TO HARD WORK REDSTONE NOW HAS TOP MARS STATION

BY A MARS OPERATOR

Are the phone lines down when blood is desperately needed by the Post? Would you like to talk to your parents, sweetheart, or buddy many miles away? Has a flood or other disaster struck the area which require direction of rescue operations? These and many other services are performed by the MARS (Military Affiliate Radio System) Station Redstone.

For those electronically minded (as so many are on this type of installation) it would be nice if there could be available a station in which hams could operate in a workshop complete with test equipment where electronic enthusiasts of all types could tinker. This is exactly what Lt. Col. John V. Fill had in mind when he took

over as local MARS director. Since it was the Redstone MARS installation, a post-wide contribution of time and effort of all agencies was in order and everyone pitched right in. A building at the edge of the troop area, Bldg. 663, houses the activity. Training Aids workshop of the Ordnance Guided Missile School built a console for the receiver and controls which serves as the operating position.

The Post Engineers set poles for antennas and supplied a power unit for emergency power. The Post Signal Office and the Army Ballistic Missile Agency Signal Office provided technical assistance and the personnel to install the radio equipment. Some of the newest type signal equipment was installed. By a spirit of cooperation and enthusiasm a station was constructed equal in capabilities and appearance to that of any service installation.

Primarily MARS stations are used for practice in proper communications methods to be used during times of emergency and disaster by Army commanders. In keeping with this objective, the local station operated by SFC Rupert Potter, works a daily schedule in the Third Army Net whose control station is at Third Army Headquarters, Fort McPherson, Georgia.

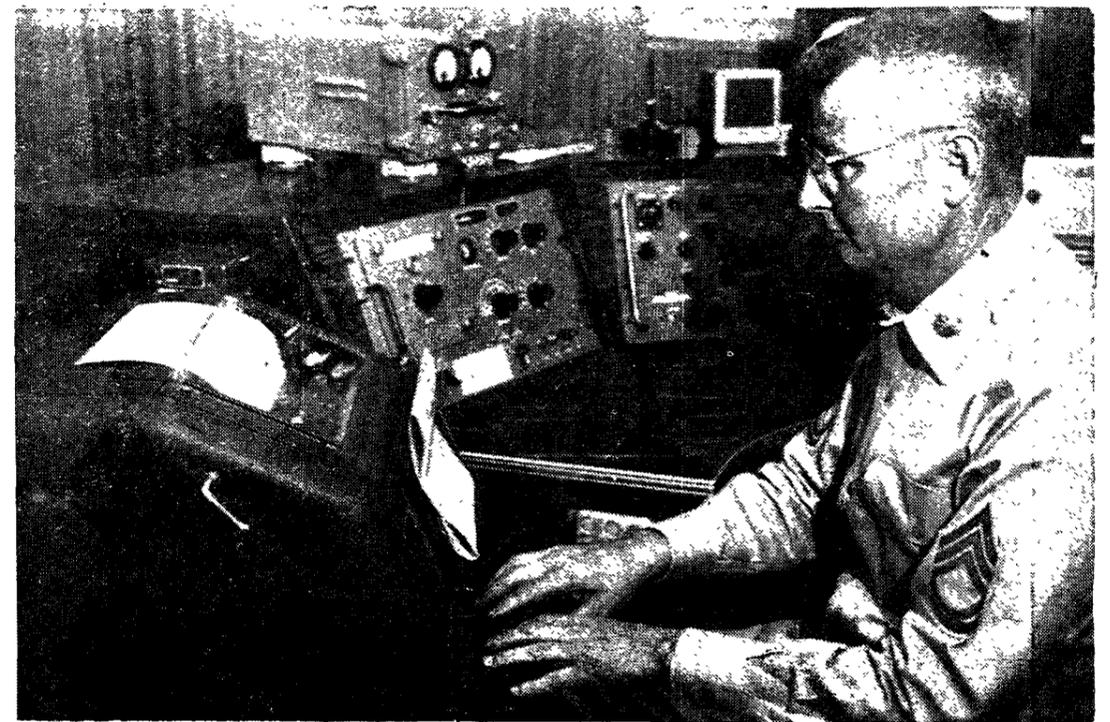
Since the equipment is also used by ham operators, a second call sign, K4WMA, was obtained to go along with the MARS call sign of AA4WMA. Besides making normal amateur contacts, the station daily works the Alabama District MARS Net.

The station is equipped to operate with voice, morse code, and teletypewriter. It has a 500-watt transmitter with rhombic, power driven beam, and long wire antennas for various wave lengths and distances desired. There is a code practice machine for those who wish to learn code or improve their speed.

If you presently hold a valid FCC amateur license or wish to know how to obtain one; if you wish to talk to someone far away; if you wish to tinker by constructing your own equipment; or if you only want to look around, stop in at Bldg. 663 or call SFC Potter at 3013. This facility is yours to use, and someone will be glad to assist you.



CONTACT — SP2 William Meester and SP3 Tom Strigel (standing) make an amateur contact over the MARS radio network. The station is located in Bldg. 633 and all FCC licensed operators are eligible to use it for practice in proper communications methods.



SENDING — SFC Willie A. Bell, Jr., sends a message by teletype at the Redstone Arsenal MARS station. The station also is equipped with a Morse key for sending messages on the Third Army network.

NU-KLEEN CLEANERS
ON JORDAN LANE
Handy for Arsenal Employees

- 1 Day Service
- All Work Guaranteed

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We Pick Up and Deliver
G. W. (Smitty) Smith

SAVE MONEY
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Automobile Insurance

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R. A. WILLIAMS
Preferred Risk Mutual INSURANCE CO.
Phone JE 6-5682

PLAMOR BOWLING
announces
8 NEW LANES TO OPEN
September 15, 1957

COMPLETELY AMF AUTOMATIC

Reservations are open now for individuals, and teams in the following leagues.

- WOMEN'S HANDICAP
- INDUSTRIAL HANDICAP
- CIVIC CLUB HANDICAP
- EXECUTIVE HANDICAP
- MIXED (COUPLES) HANDICAP
- 800 TEAM AVG. SCRATCH
- COMMERCIAL HANDICAP
- JUNIOR HANDICAP
- TEA TIME HANDICAP WOMEN'S
- INSURANCE HANDICAP
- LADIES' MORNING HANDICAP
- CLUB WOMEN'S HANDICAP

These leagues will start at 6 p.m. and 8:30 p.m. through winter months (starting Sept. 1st.)
Also time available for fully organized leagues.

HERMAN CERTAIN
New Manager and Instructor

FOR FURTHER INFORMATION CALL
JE 6-3164 or JE 4-1102 Day or Night

Lunch Time Bowling From 10 A.M. 'til 1 P.M. Daily

Guntersville Lions Slate Charity Bingo
GUNTERSVILLE — The Lions Club will hold its annual charity bingo party Aug. 15, 16, and 17 on the tennis courts opposite the City Boat Dock. The party annually draws hundreds of people from the Valley. A large collection of prizes has been donated by business men of Guntersville, Arab, and other Marshall County communities. All proceeds are used for the charity projects of Lions. Play will begin at 7 p.m. each evening.

BETTER DRIVE CHEVY BEFORE YOU BUY!

Almost everyone wants the very most for his money. That's why I'm inviting you to take a ride in a 1957 Chevrolet before you buy any car. Even a short ride will convince you that there's absolutely no substitute for Chevy's superior quality. And there's no time like now to stretch your buying dollar—while we're making the most talked-about deals in town.

CALL ONE OF THESE SALESMEN TODAY

Open Evenings!	• Frank Patterson	• G. C. Jones	Open Evenings!
	• Bob Broadway	• Bill Bitting	
	• Harvey P. Brooks	• Jim Rainey	
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	• Billy Reed	• A. W. Hill, Jr.	
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33 YEARS A CHEVROLET DEALER
GREENE ST. PHONE JE 4-4561



BILLY HOGAN

Bermuda Shorts Inspire Song by Amateur Composer

The recent trend toward wearing of Bermuda shorts by men on the Arsenal has inspired an ABMA amateur composer to write a song about them—entitled, appropriately, "Bermuda Shorts".

The composer is Billy Hogan, an employe of ABMA's Fab Lab. His "Bermuda Shorts" song, backed by one called "Ice Cold Baby," has been recorded by Marlon "Madman" Mitchell of Athens on VENA Records, and published by Tree Music Publishers of Nashville.

Music is Hogan's hobby, and he's written over a hundred songs. He has worked part-time with WMSL-TV in Decatur for

the past 18 months, and has a disc jockey show from 4 to 6 p.m. every Saturday over Radio Station WFUN in Huntsville.

A resident of Madison, Hogan is married to the former Sylvia Farrell of Athens, who occasionally sings on his radio and television shows.

The luxury liners, United States and America, could be placed side by side on the flight deck of the Navy's supercarrier Forrestal.

American forces in a land-sea assault captured Derne, Tripoli, April 27, 1805.

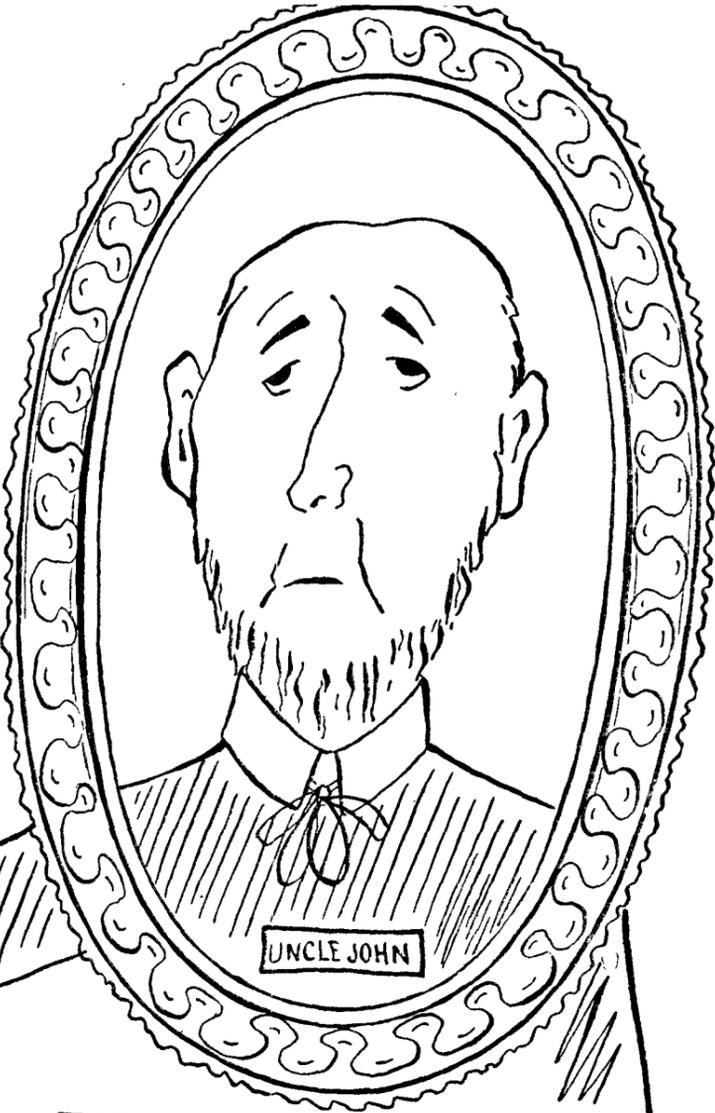
The trouble with laryngitis is that you have to wait until you're cured before you can tell anyone about it.

* * * * *



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VALUES FOR YOUR FAMILY AND HOME!

Open
Til 9 P.M.
Thursday
Friday
Saturday



NO NEED TO WAIT
for a rich uncle to leave you a fortune ---

Use Our REVOLVING CHARGE ACCOUNT

NO MONEY DOWN

Just say "charge it!" Take your purchase with you!

6 MONTHS TO PAY

YOU DECIDE WHAT YOUR CREDIT LIMIT IS BY DECIDING WHAT YOU WANT TO PAY MONTHLY!

Your credit limit is then six times that amount!

For example —

If your monthly payments are to be ...	\$5	\$10	\$15	\$20	\$25
Then your Revolving Charge Account credit limit is ...	\$30	\$60	\$90	\$120	\$150

You decide yourself the amount of credit you want — \$30, \$60, \$90, \$120, \$150. You can charge up to the full amount of your credit at one time, if you wish. Then pay only one-sixth each month, plus a small charge! You do not have to use all your credit at one time. Use it as you need it. As you make your monthly payments, that much more credit is available to you. Statements will be sent to you monthly showing your purchases, payments and balance.

FILL IN THIS COUPON NOW

SHAINBERG'S -- Parkway Center No. 20 -- Huntsville, Ala.

NAME _____
 ADDRESS _____
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 SIGNED _____
CHECKS CASHED FREE AT SHAINBERG'S.

LOANS!!

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MONEY IN 10 MINUTES

LOANS MADE ON YOUR SIGNATURE TO MEN AND WOMEN THAT HAVE REGULAR JOBS AND SALARY

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H. E. Hillard — Phone JE 4-1671 — Huntsville

NO. 15 **JEFF'S** PARKWAY CENTER

h is for **HOBBY** — What's Yours?

Whatever it is you'll have fun browsing at

JEFF'S for HOBBIES OF ALL KINDS.

Archery -- Air Rifles

GAMES of all kinds

GINNY and GINETTE DOLLS



MILLER Appliance Furniture COMPANY

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QUALITY FURNITURE

At LOW Prices!

We Have A Large Selection of
Tables - Chairs - Mirrors
And Other Gift Items

Phone JE 6-1882

113 W. Clinton



COL. THURSTON T. PAUL

COL. PAUL HEADS DIRECTORS OF OFFICERS MESS

Col. Thurston T. Paul has recently been elected as chairman of the board of directors for the Officers Open Mess.

Col. Paul is director of the Support Operations Division of ABMA.

Other members of the new board of directors are Lt. Col. Herbert C. Hansen, Lt. Col. Shelby M. Frank, Lt. Col. William Durrenberger, Maj. Russell Bergmann, Maj. Jack Carstarphen, and Lt. Thomas Tucker.

Engineering Students Here for Summer Are Given Tour of OGMS

A demonstration of the Nike and Corporal missiles for 25 workers at the U. S. Army Ordnance Guided Missile School was complete except for the actual fueling and firing of the lethal missiles.

The students are college engineering students assigned to the Industrial Division at Redstone Arsenal during the Summer.

The tour was intended to give the men a look at the weapons which are in use and to help them better understand the function of their jobs in the missile program at Redstone, as well as the missiles' function as part of the Army's arsenal of combat weapons.

The group was led by F. W. Waldorf of the National Industrial Engineering Branch. The 13 colleges and universities, and the respective number of students representing each, were: University of Alabama (3); Auburn (9); Berry College (1); Florence State College (1); Harding College (1); University of Illinois (1); Jacksonville State College (1); Middle Tennessee State College (2); Mississippi State College (1); Ohio University (1); University of Tennessee (2); Martin Branch (1); Tennessee Polytechnic Institute (1).

Edward E. Brown Is Commissioned As Warrant Officer

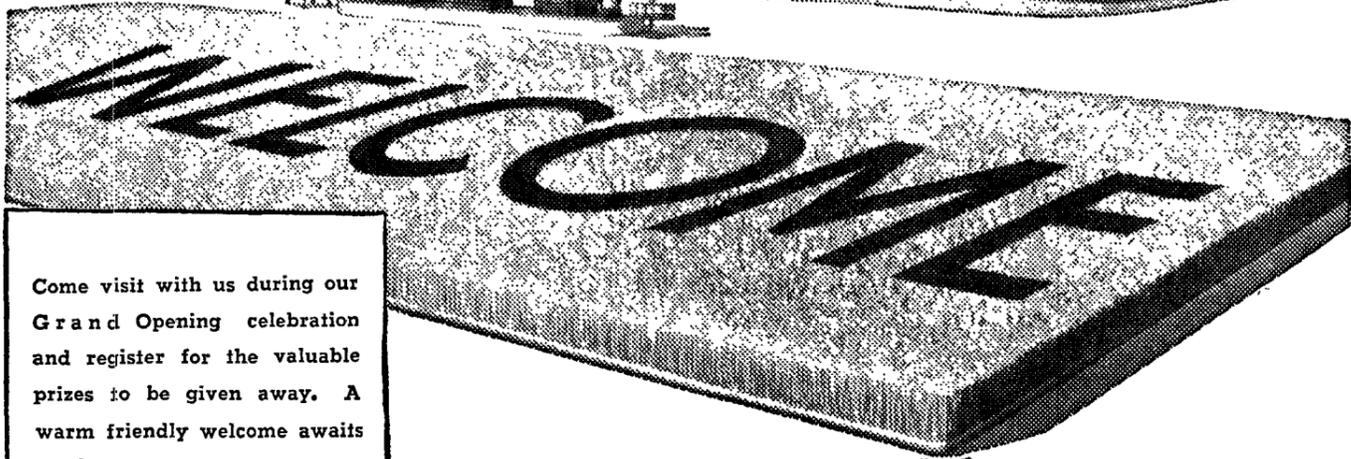
Edward E. Brown, a veteran of 19 years Army Service, has been commissioned warrant officer. Brown formerly held the grade of sergeant first class.

Brig. Gen. J. A. Barclay, deputy commander of the Army Ballistic Missile Agency, pinned the new bars on Brown's uniform. The ceremony was witnessed by Col. H. E. von Kaenel, director of the Training Division at the Army Ballistic Missile Agency.

WO Brown is an instructor on the Ballistic Missile System. He has served two tours of duty in Europe and three in the Pacific Theater. He wears two campaign stars for World War II service in the Pacific area.

The son of Mr. and Mrs. Elmer F. Brown of Salem, Ore., he lives with his wife, Donna M., at Route 4, Huntsville. He is a graduate of Exeter Union High School, Exeter, Calif., and attended Portland (Ore.) University.

Sell It Through a Wantad



Come visit with us during our Grand Opening celebration and register for the valuable prizes to be given away. A warm friendly welcome awaits you!

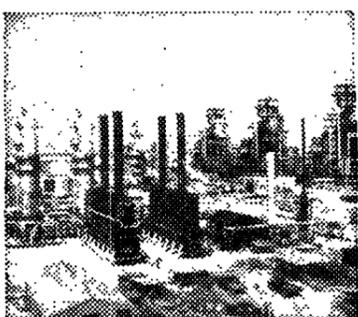
JOHN R. CANUP
CITIES SERVICE DEALER
Seminole Drive & Fifth Ave.

"Welcome to my Cities Service Station!"

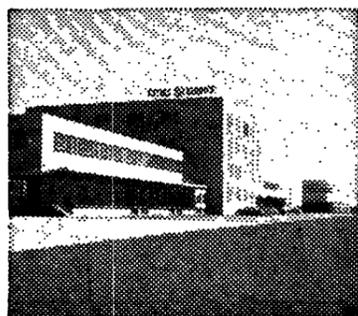
GRAND OPENING
FRIDAY & SATURDAY, AUGUST 9-10

FREE PRIZES
Souvenirs for All Visitors

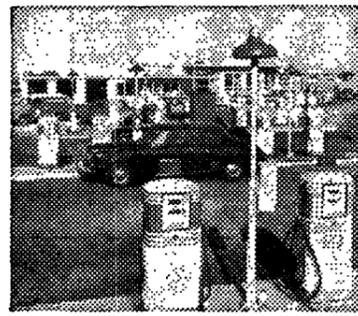
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Cicero Blending Plant, Cicero, Ill.—one of the modern plants where Cities Service lubricants are made.



Cities Service stations are on the nation's busiest super highways. (N.J. Turnpike shown.)

TO ALL MOTORISTS:

Stop in and try the world's finest gasolene and oil combination:

NEW 5-D PREMIUM GASOLENE
... the only gasolene with all 5 features:
1. EXTRA-HIGH OCTANE
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NEW 5-D KOOLMOTOR OIL
... the great new multi-range motor oil with 5 big advantages:
1. INCREASES GASOLENE MILEAGE
2. INCREASES ENGINE POWER
3. DECREASES OIL CONSUMPTION
4. DECREASES KNOCK AND PRE-IGNITION
5. DECREASES ENGINE WEAR

FREE PRIZES ! ! ! !

1. GENERAL ELECTRIC, 14" PORTABLE TV SET.
2. SET OF FOUR (4) Cities Service CAR TIRES to fit your car.
3. 500 GALLONS Super 5-D Premium GASOLINE (10 gallons to each of 50 winners). You do not have to make a purchase or be present to win!

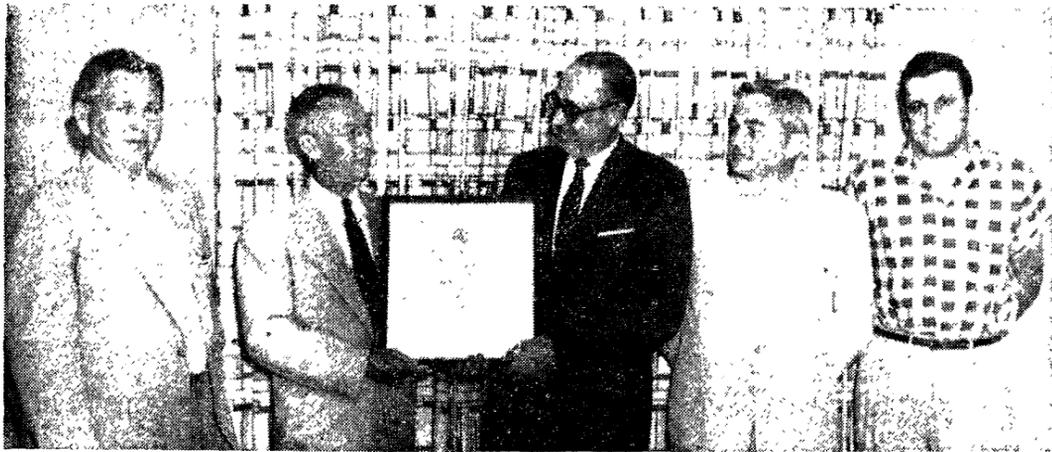
Special GET ACQUAINTED Offer!

DURING OUR GRAND OPENING CELEBRATION, WE WILL GIVE A FREE AUTO LUBRICATION WITH THE PURCHASE OF 10 GALLONS OR MORE OF CITIES SERVICE GASOLINE.

JOHN R. CANUP
Cities Service Dealer
Seminole Drive & Fifth Ave.



LOOK OUT FISH, HERE COMES ARMY — Brandishing crossed fishing poles, symbol of retirement, two Army career men dream of big ones. Master Sergeants Robert L. Clary (left) and Troy H. Gist (right) stand beside Col. Henry S. Newhall, commandant of the U. S. Army Ordnance Guided Missile School, who made the presentation.



THE NEWLY ORGANIZED Huntsville Chapter of the Society for Personnel Administration has received its charter. Left to right, above, are Jack Higgs, vice-president; Brig. Gen. J. A. Barclay, deputy commander, Army Ballistic Missile Agency; R. F. Mello, Chapter president and personnel director, ABMA; Ellis A. Woody, secretary; and Joe W. Davis, treasurer.

THE STAMP CORNER

BY J. H. MULDER

There are some interesting new stamp issues to be made in the near future.

The stamp commemorating the first ship built in America, the "Virginia of Sagadahock," will be issued in Bath, Maine, on August 15.

The first of the "Champions of Liberty" issue, featuring Ramon Magsaysay, will be issued in Washington, D. C., on Aug. 31. This stamp will be the same size as the famous Americans with 48 stamps to the sheet. A picture of Magsaysay will be featured on a medallion. The stamp will be red, blue, and ochre in color and will be of eight cents value.

The only stamp scheduled for September is the Lafayette Birth Centennial. No details are available on this stamp at this time.

The first law relating to military affairs, passed by Congress on Aug. 7, 1789, established a Department of War responsible for both the Army and Navy.

The Third Marine Regt. was organized in Philadelphia 43 years ago.

Service Club Schedule

CRAFTS SHOP OPERATING HOURS:

Tuesday thru Friday 1730-2200. Saturday and Holidays 0800-1630. Sunday and Monday—Closed.

SWIMMING POOL OPERATING HOURS:

Monday thru Saturday 1000-2000. Sunday 1200-2000.

Even days of the month are reserved for officers, their dependents and guests. Odd days of the month are reserved for enlisted men, their dependents and guests.

GOLF DRIVING RANGE AND ARCHERY RANGE OPERATING HOURS:

Monday thru Friday 1700-2130. Saturday 1300-2100. Sunday and Holidays 1400-2100

The first enemy plane shot down in the Korean War was bagged June 27, 1950, by Air Force 1st Lt. William G. Hudson, flying an F-82.

The Marine Barracks at Quantico, Va., was established in 1917.

FOR YOUR **INSURANCE NEEDS**

See

G. W. JONES & SONS

307 Franklin
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Redstone Pistol Club In Florida Matches

At the Southeast Regional Pistol Matches held at Jacksonville, Fla., in competition with Army, Navy, Air Force, police, and civilians on 26-28 July, members of the Redstone Arsenal Pistol Club won prizes as follows:

Camping & Fishing EQUIPMENT

- Waders & Hip Boots
- Pup Tents
- Ground Cloth
- Sleeping Bags
- Baseball Equipment & Shoes

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Open All Day Wednesday
& 'Til Late Thursday Night

SP3 Frank E. Kobe, ABMA, first marksman .45 cal. slow fire; third marksman in .22 cal. slow and timed fire.

Pfc. Thomas E. Rickman, ABMA, first marksman in the center fire national match course and third marksman in the center fire timed fire match.

CWO George M. Seely, OGMS, was high scorer among the club members with 2,341 out of a possible 2,700 points.

The U. S. Army, in the Mexican War, was deployed for the first time at great distances beyond the frontier.



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DAV-O-BEDS \$29⁹⁵

HOT POINT REFRIGERATORS \$159⁹⁵

HOT POINT DRYERS \$119⁹⁵

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ADMIRAL REFRIGERATORS \$179⁹⁵

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LARGE - 2 PIECE **SECTIONALS** \$59⁹⁵

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JE 2-5901 or JE 2-5921

UNITED CREDIT PLAN

UNITED CREDIT PLAN

UNITED CREDIT PLAN

New RSA Employee Cited for Work at Red River Arsenal

H. T. Williams, who recently transferred to Redstone Arsenal,



H. T. WILLIAMS

was presented a cash award for sustained superior performance at Red River Arsenal in Texarkana, Texas, shortly before he departed that station.

Williams' award was for work done as deputy chief of the Adjutant's Office during the period October 23, 1956, to April 23, 1957. In this capacity he planned and directed the accomplishments of the Administrative Branch, Mail and Records Branch, Central Reproduction Branch and the Communications Branch. His professional knowledge of each job phase of operations within the Adjutant's Office was considered outstanding by Red River Arsenal officials.

The citation which accompanied the award stated in part: "Mr. Williams provided technical advice and assistance pertaining to regulations and matters affecting the administrative functions of the arsenal, not only to his em-



WILLIAM E. NOBLIN, Thiokol Test and Inspection Department, receives a letter of congratulation from Jack Buchanan, director of operations at the Thiokol plant, for winning a prize in the society limerick contest sponsored by the National Safety Council in its May issue of its supervisor pamphlet. Noblin received a letter of congratulations directly from the National Safety Council for this achievement.



PAUL K. SCHAEPPI, chief of the National Procurement Production Branch of the Industrial Division at Redstone Arsenal, has been awarded an outstanding achievement rating. He came to Redstone in 1950 as a member of the General Electric firm, but left that firm in 1951 to accept the position he holds now in the Industrial Division.

LYRIC

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CINEMASCOPE
GENE BARRY • ANGIE DICKINSON • NAT'KIN COLE

Sunday thru Wednesday



starring
• Jayne Mansfield
• Dan Dailey

ployes but also to key management officials. He coordinated activities with offices serviced so efficiently and effectively that relations with others have been of the highest order."

Williams came to Red River Arsenal in August, 1942, upon liquidation of the Civilian Conservation Corps. He entered government service in 1934 when he entered the CCC as an enrollee. A short time later he was appointed second in command of a company of 200 men and subsequently sent to Officer's Training School. He was promoted to Commanding Officer of the company and served in that capacity until the Civilian Conservation Corps was liquidated.

At the Red River Arsenal Williams served as deputy chief of the Adjutant's Office in the absence of the chief, as Adjutant. Functions of the office include military personnel administration, central mail and records service, communications services,

maintaining and promulgating arsenal regulations, compilation and maintenance of arsenal history, central reproduction services, and general administration services for the arsenal which has missions of base maintenance, general supply distribution, ammunition distribution, renovation and demilitarization, and the Camp Stanley Storage Activity.

Williams is a native of Amarillo, Texas. He and Mrs. Williams are the parents of three girls, Marie, Luella Jean, and Helen Ruth.

They say you're getting old when you can watch a bubble dancer without wishing for a B-B gun.

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AND PRESENTING CARROLL BAKER
ALSO STARRING CHILL WILLS • MERCEDES McCAMBRIDGE • SAL MINO

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NEW SENSATIONAL 1957 ZENITH

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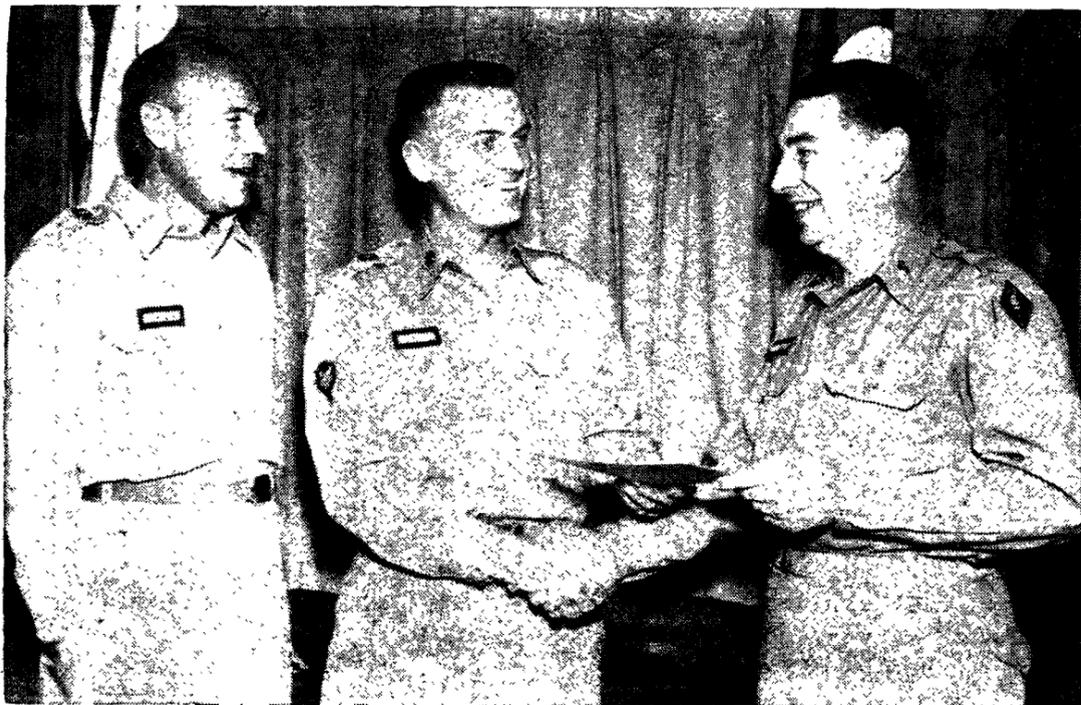
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TURN OFF CLINTON ST. AT NEON ARROW



A MOMENT OF HONOR — A Certificate of Achievement is presented to Specialist Dennis C. Peterson (center) by Col. Henry S. Newhall, commandant of the U. S. Army Ordnance Guided Missile School. Peterson, a member of the 502nd Ordnance Detachment was June's OGMS soldier of the month. Looking on is Lt. Col. Ernest W. Ewbank, assistant commandant at OGMS.

counting services, he added. The North Alabama Chapter of NAA has a membership of 147, with 54 members in the Decatur Area, 38 members in the Huntsville area and 55 members in the Tri-Cities. Membership in the North Alabama Chapter is open to all accountants located in the eight county area of Colbert, Morgan, Lauderdale, Madison, Lawrence, Limestone, Franklin and Winston. Anyone desiring information concerning membership should contact Robert C. Huffman, P. O. Box 921, Huntsville.

Accountants Assn. Tells Name Change

The North Alabama Chapter announces the change in its name from the National Association of Cost Accountants of the National Association of Accountants, effective July 1.

According to Mr. Shaw, president of the local chapter, the change reflects the fact that dur-

ing the years since 1919 when the Association was founded, there has evolved a broadened concept of the accounting function in business management, and the activities and interests of the Assn. and its members have kept pace with these developments. Dropping the word "Cost" from the name does not signify a change in the Association's field of interest, but rather represents recognition of the evolutionary changes already

taken place and that changes will continue, he said. Cost accounting is still central and basic to the accounting function in business, but it has become integrated with a broader family of ac-

The engines of a new U.S. jet bomber, flying at only 375 miles an hour, develop more horsepower than 400 automobiles of 200 hp each.



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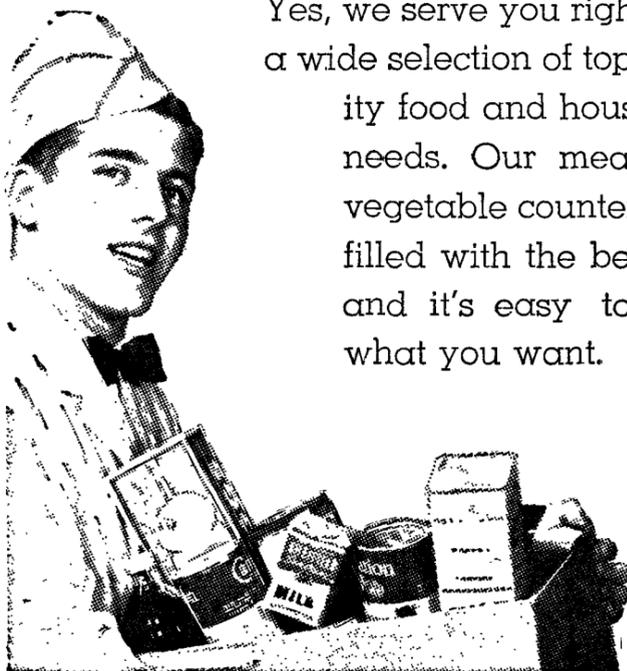
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'MAJOR FROM MARS' — British Maj. Cyril Darnell demonstrates clothing for handling propellants used in guided missiles to his class at the U. S. Army Ordnance Guided Missile School. Maj. Darnell is a member of the British Army Staff and is at Redstone as a student officer.

BRITISH MAJOR LEARNS PROPER ATTIRE FOR HANDLING PROPELLANTS

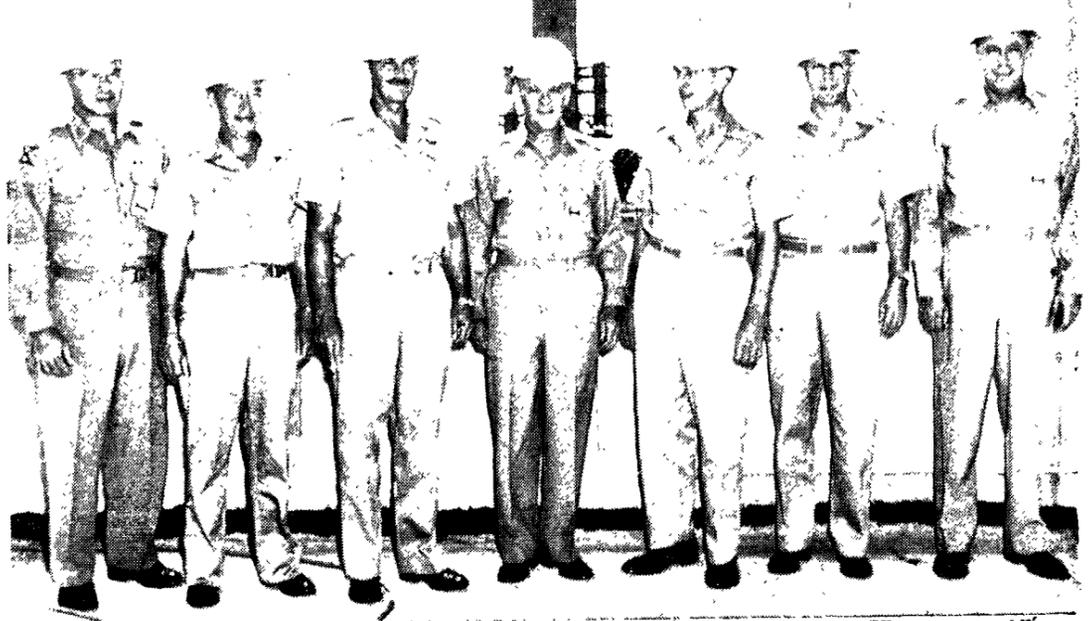
In conjunction with the recent British acquisition of U. S. Army Corporal guided missiles, British Major Cyril Darnell has been attending classes at OGMS on clothing used in handling the propellants which fuel the missile.

A member of the British Army Staff and a student officer at the U. S. Army Ordnance Guided Missile School, the major has been comparing our methods and equipment with those which the British have developed.

Handling the fuels for the guided missiles requires a rubberized nylon suit which, when worn with other protective equipment for the face, hands, and legs, makes the fueler look much like the imagined "Man from Mars." The red, fuming nitric acid and the aniline fuels are not only harmful to the lungs and skin, but the fumes can be deadly if they attack the nervous system.

Duty on Mars would probably be considered "routine" by this officer who has been stationed in Malaya, Hong Kong, Singapore, West Africa, and England.

Recreational activities for the



TOP OFFICIALS of the U. S. Army's missiles and rockets program were photographed at the Army Ballistic Missile Agency last week prior to a static test of one of the big rocket engines which propel the long range missiles. Left to right: Col. Peter; Brig. Gen. J. A. Barclay, deputy ABMA commander; Maj. Gen. J. B. Medaris, ABMA commander; Lt. Gen. Emerson Cummings, Chief of Ordnance; Maj. Gen. H. N. Toftoy, Redstone Arsenal commander; Brig. Gen. J. A. Shinkle, deputy Redstone commander; Lt. Col. Schuppener.

Industrial Engineers Slate Plant Tour

The American Institute of Industrial Engineers (North Alabama Chapter) has in store an unusual treat for its next monthly meeting, according to Walter Barney, chapter president, who is deputy chief of the ABMA Control Office's Management Services Branch.

The Wolverine Tube Co. of Decatur, producers of seamless metal tubing, will provide the chapter a tour through its plant, Mr. Barney announced. "The tour will afford chapter members and guests an opportunity to witness the latest processes in the manufact-

uring of seamless tubing. Knowledge gained from observance of such an effective operation should be of great value to those involved in industrial improvements."

The tour is scheduled for 2:30 p.m. (CDT), Tuesday, Aug. 13, and is expected to last about two hours. All industrial engineers and interested persons are cordially invited to participate in the tour. They should contact Joseph Coffman, ext. 4218, prior to noon Monday, Aug. 12. Arrangements for transportation to the plant site in Decatur is a responsibility of each participant.

One of the hardest secrets for a man to keep is his opinion of himself.

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MATTRESSES To fit above bed	\$2.98 Each

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Water front lots for sale facing east, near town. City drinking water available. Meets all loan requirements. Can be financed. See Ed Neely, Broker, Gunter-ville, Ala. Phone 3914 or 3230. 8-7-c

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FOR A LOVELIER COMPLEX-ion consult your Luzier's representative, Mrs. Odell Whitt, phone JE 2-3247. ttc

CHRISTMAS CARDS — Select yours now and take advantage of the 10 percent discount thru August. **THE BOOK SHOP**, Russel Erskine Bldg. 8-14c

TRAILER FOR SALE — 36 ft. Travelo House Trailer with built-in TV, GE air conditioner and many other extras. In excellent condition inside and out. Priced right. Phone Redstone, extension 6022 before 4 p. m., or JE 6-5765 after 4:30 p.m. ttc

FOR SALE — Ten 1957 Plymouth V-3 Belvedere sedans, fully equipped including power steering and brakes, 11,500 to 13,000 miles. Good condition. Used at RSA by CHRYSLER CORPORATION on company business @ \$2100.00 and \$2150.-00. Call Ext. 6232, Mr. C. A. Moeller. ttc

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Librarian

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Henry Allen, "Yellowstone Kelly."
George Appell, "Shadow on the Border."
James Bishop, "The Day Christ Died."
Arthur Bryant, "Turn of the Tide."
Bernard Busson, "Last Secrets of the Earth."
John Carr, "Fire, Burn!"
Jack Cluett, "How to Build an Orange Crate from Old Pieces of Furniture."
Louis Engel, "How to Buy Stocks."
Noel Gerson, "The Conqueror's Wife."
Michael Gilbert, "Be Shot for Sixpence."
Robert Graves, "They Hanged My Sainly Billy."
Giovanni Guareschi, "Don Camillo Takes the Devil by the Tail."
Richard Hall, "How to Read the Bible."
Fred Horsley, "Hot Rod It—and Run for Fun!"
Herbert Keppler, "Official 35-mm Camera Rating Guide."
Pat Kilmer, "Dough, Ray and Me."
Louis L'Amour, "Sitka."
Fritz Leiber, "Two Sought Adventure."
Chin-yang Li, "Flower Drum Song."
David McIlwain, "Isotope Man"
Cary Middlecoff, "Advanced Golf."
Ogden Nash, "You Can't Get There from Here."
Quentin Reynolds, "They Fought for the Sky."
Fred Schwed, "How to Watch a Baseball Game."
Thelma Strabel, "Caribee."

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120 acre farm with one 3-bedroom house and large barn, also one 4-room tenant house with pump in well, 5 broiler houses, 40 acres open and in fine mountain crops, on all pickup routes for \$9,500.00.
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26 acres open land on paved road No. 40, one mile from Tennessee River south of Redstone at \$125.00 per acre.
20 acres, 9 miles east of Hartselle on paved road. No buildings, at \$100.00 per acre.
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TAKES OATH — Maj. O. E. Adamson, ABMA adjutant, administers the oath to newly commissioned Warrant Officer Floyd D. Malone as Maj. Gen. J. B. Medaris, ABMA commander, looks on.

DR. SHOOK, COL. COWART AUTHORS OF ARTICLE

An article authored by Dr. Burton S. Shook, occupational health officer for the post, and Lt. Col. Hiram O. Cowart, post surgeon, appears in the July issue of Industrial Medicine and Surgery Magazine. The piece is entitled "Health Hazards Associated with Unsymmetrical Dimethylhydrazine." It had also been presented as a paper at the annual meeting of the Association of Ordnance Industry Physicians in St. Louis, Mo., on April 27.

MISSILE OFFICIAL FROM AUSTRALIA ABMA VISITOR

The director of Australia's guided missile ranges and supporting establishments, Harold J. Brown, visited the Army Ballistic Missile Agency last week. Accompanied by Capt. J. M. Armstrong, research and development representative of the Australian Joint Service Staff, Brown was briefed on ABMA's range organization, instrumentation, and safety procedures connected with test launchings of long-range ballistic missiles. The visitors toured the static test facility at ABMA and left here for Patrick Air Force Base, Fla., where they were to be shown Harry Stubbs, "Cycle of Fire." James Thurber, "Wonderful O." Alfred Wagg, "Composition in Photography." William L. White, "Captives of Korea." Prentice Winchell, "Candle for a Corpse."

Malone Receives WO Commission

Floyd D. Malone, an Army electronics specialist at ABMA, has recently been commissioned a warrant officer. He is the son of Mr. and Mrs. Hixon J. Malone of Aberdeen, Wash. He was graduated from the Elma, Wash., High School, enlisted in the U. S. Navy shortly afterward, and served three years as a sailor. Malone entered the Army June 9, 1948. He attended the Guided Missile School at Ft. Bliss, Texas, before his assignment to the Field Artillery Instructor Detachment at ABMA. Warrant Officer and Mrs. Malone reside at 1406 Hillsboro Road, Huntsville.

Army launching techniques at ABMA's Missile Test Center.

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(Editor's note: The following full explanation of the Red Cross Blood Program was submitted to The Rocket by Lt. Col. J. G. McNeil, publicity chairman of the Redstone Arsenal Committee of the Huntsville-Madison County Chapter of the American Red Cross).

The bi-monthly visits of the Red Cross Bloodmobile have raised many questions, good, solid questions for which answers were not always positive. Referral of these questions to the Birmingham Red Cross Center not only answered all of the questions but brought forth the additional interesting information:

1. Persons presenting themselves as donors at a Bloodmobile visit receive a hospital card which entitles him/her and his immediate family, including parents and parents in law, to all of their blood needs for a six months period. This card is good in any hospital in the USA where the hospital will accept Red Cross Blood. In the event a potential donor is refused for any medical reason, he receives the card which entitles him to all the benefits of an actual donor.

2. Persons who desire to be donors are requested to contact their Chief Recruiter so that they may be properly scheduled.

3. Local doctors are on duty at all times while blood is being drawn. Dr. Robert Sammons is in charge of scheduling the doctors who give their time as a service.

4. Bloodmobile registered nurses from the Birmingham Center who are skilled in veni-puncture actually draw the blood. Chapter volunteers assist with all other details.

5. The blood is iced and taken to Birmingham to the Regional Center where it is typed. The list with correct type and RH factor is returned to the chapter where an individual record according to type is kept of each donor. A type card is sent to all new donors.

6. Blood is ordered by hospitals direct to the Center.

7. Blood is furnished military hospitals, veterans hospitals, and civil defense, as well as civilian hospitals.

8. Whole blood is kept only 21 days. All outdated blood is made into fractions and is also used for research.

9. Red Cross blood is not sold, neither are the fractions made from Red Cross blood.

10. Huntsville hospitals may obtain blood from either a commercial bank or the Red Cross Bloodbank. Patients requiring blood transfusions receive them free if in possession of a current donor's card, otherwise payment must be made on an immediate pint for pint basis on replacement on a two-for-one basis.

11. There is a civilian hospital administration charge which has nothing to do with the blood itself; this is a legitimate hospital charge for administering the blood. There is no such charge in a military hospital.

12. In some chapters where Red Cross is the only source for a hospital, the patient receives the Red Cross blood and is then requested to assume the moral obligation of replacement on a pint-for-pint basis.

13. The Birmingham Center serves all chapters in North Alabama and a few in Mississippi who participate in the Red Cross Blood Program. Beginning July 1, 1957, chapters participating have the cost of the Center pro-rated according to the amount of blood used. The National Red Cross pays a fourth of this to the Center and chapters pay the balance. The approximate cost of collecting and processing a pint of blood in the Birmingham Center is \$4.50.

The chapter pays for the Canteen supplies (coffee, milk, etc.), postage for mailing notices to donors, sending type cards to new donors, printing pledge cards, etc.

14. The National Reciprocity Plan enables a visitor to a community who receives a blood transfusion to obtain it through the Red Cross and have it replaced on a pint by pint basis in his own community at the next visit of the Bloodmobile.

15. Medical Authorities state that a person can give blood every sixty days or five times a year without hurting them. (If turned down by the doctor for some reason he may be perfectly all right to give the next time. Try it!)

16. The Bloodmobile comes to Huntsville six times a year and to Redstone six times. This is 12 visits a year to Madison County in order to give persons an opportunity to take advantage of this program. The visits are every

other month in Huntsville at the First Methodist Church unless otherwise advertised, and every other month in the Gymnasium at Redstone unless otherwise advertised.

Prospective donors desiring information relative to the Blood Donors Program, not covered above, are requested to mail their questions to Lt. Col. Jack G. McNeil, Fire Protection Office, Bldg. A-102, RSA.

The next visit of the Red Cross Bloodmobile is scheduled for Tuesday, Aug. 13 at the Post Gymnasium from 0830 to 1400 hours.

Col. O'Keefe Helps Young Briton Reach His Goal in America

A young Englishman's ambition of becoming a ground-crew technician in the U. S. Air Force was realized last week—with an assist from Redstone's deputy post commander, Col. Keith T. O'Keefe.

The Arsenal officer sponsored 22-year-old Michael Wilson's immigration to this country from the city of Bournemouth in Hampshire, England, just three weeks ago. And last Wednesday, Wilson

—already a veteran of three years in the Royal Air Force—was sworn into the USAF at the Huntsville recruiting office.

The new "GI"—who is an old school friend of Col. O'Keefe's step-son, John Cook (himself a recent enlistee, in the 101st Airborne Division)—has already taken out his first papers for U. S. citizenship.

Young Wilson had been a guest in Col. and Mrs. O'Keefe's home here between the time of his arrival in America and his enlistment last week.

The Navy ordered its first airplane in 1911.

Reservations Being Taken for B'ham Meet

Chemists and chemical engineers can make reservations for the August meeting in Birmingham Friday, Aug. 9, of the Alabama Chapter of the American Institute of Chemists from either of two Arsenal employees. They are Martin Williams, extension 3795, and William C. Ingersoll, 6242.

Dr. Paul Tarrant, Arsenal summer employe, will speak on "Progress in Fluorine Chemistry."

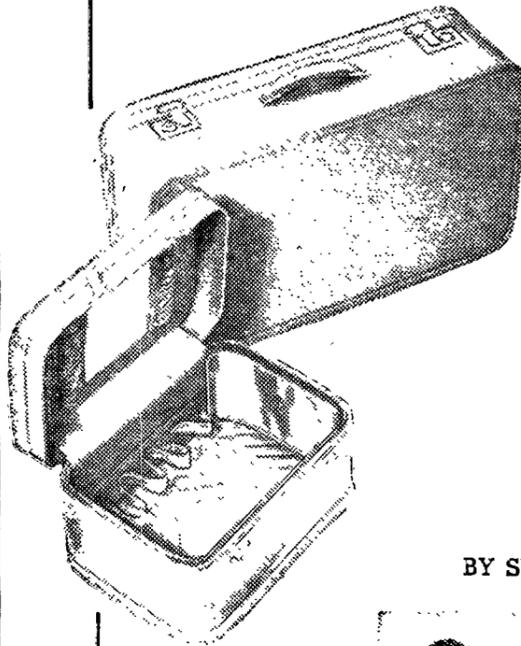
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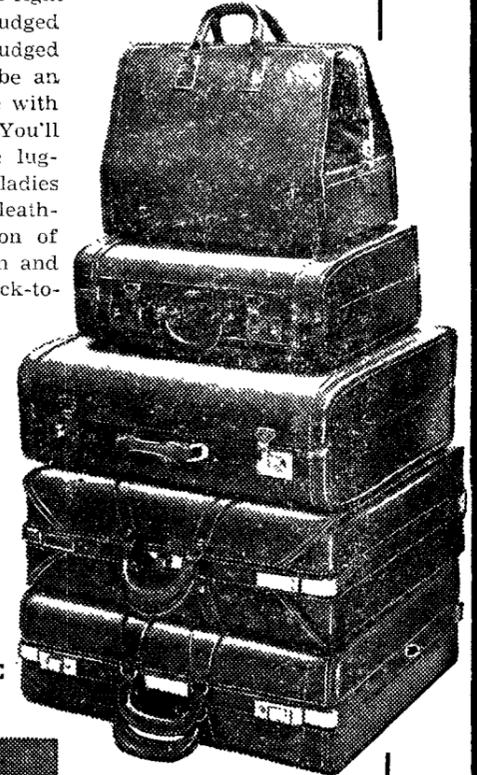
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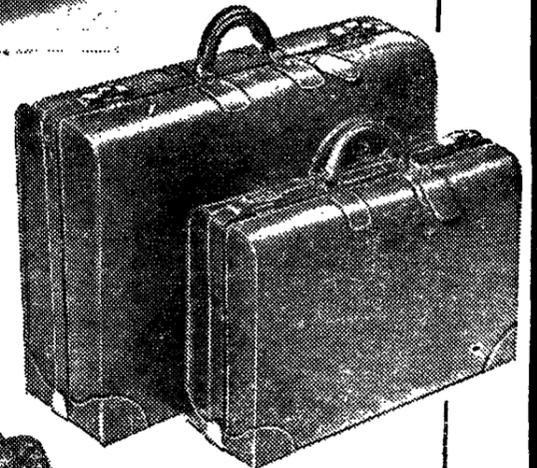
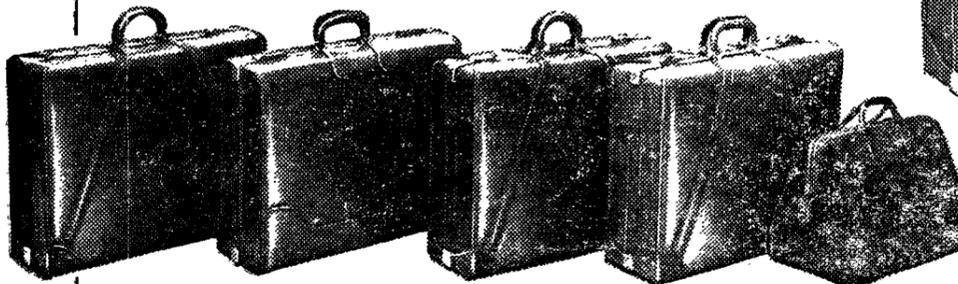
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