

VULCAN PROGRAM CHIEF DIES WHILE AT SCHOOL

George Barr, chief of the program management division in the Vulcan Air Defense office here at headquarters Army Weapons

After his release from the service in 1947, he earned a bachelor's degree from Northland and a master's degree for Columbia.

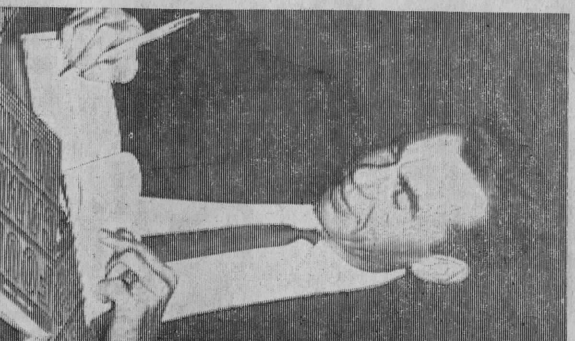
He was retired from the service for physical disability and among his awards and decorations had the Distinguished Flying Cross and Purple Heart.

Monday to begin a 10-week program management course at the Defense Weapons Systems Management Center.

Mr. Barr was one of four true-life characters featured in a Van Nostrand book, "Four Came Home," released last October. As one of the captured Doolittle Tokyo Raiders, Barr was a prisoner of war for 40 months and suffered the greatest hardships man can endure.

Mr. Barr, born in Brooklyn, N.Y., April 6, 1917, and a graduate of Yonkers (N.H.) High School, attended Northland College in Ashland.

After enlisting in the service in 1941, he was commissioned a second lieutenant the day before the at-



GEORGE BARR

THIRD ANGEL PAGEANT PLANNED FOR AUG. 5

Beautiful girls will again brighten the scenery at the third annual Miss RIA Angel beauty pageant which will be held in conjunction with the RIA family picnic on Aug. 5.

The beauty pageant, sponsored by the civilian nonappropriated fund council, is open to permanent employees only of Army Weapons Command, Rock Island Arsenal, or tenant agencies within the gates of the Arsenal. Married as well as single girls are eligible to enter.

Beauty will again be the sole basis for judging, with no talent competition being held, according to an announcement made earlier this week by Virginia Case, Angel chairman.

Competition this year will be divided, with the bathing suit competition slated for 3 p.m., and the formal gowns for 7:30 p.m. The formal gown judging will be followed by the crowning of Miss Angel, which will be the concluding event at the picnic.

Girls who enter the pageant will be guests at the Clayton House swimming pool at a date to be scheduled sometime before the pageant itself, according to the chairman.

Miss RIA Angel and two runners-up will be chosen. Each will be given trophies graduated in size according to her placement in the judging. Trophies

He was retired from the service for physical disability and among his awards and decorations had the Distinguished Flying Cross and Purple Heart.

Among his survivors are his wife, the former Marcine Jane Anderson, and their four children: Christy A., 20, Mary Jo, 18, Jeffrey T., 17, and Linda J. 14.

will be on display in the Administration Building beginning the last week of July.

In addition, the program will also feature a musical combo, and tentatively, an RIA employee amateur talent presentation. Name of the combo will be announced at a later date.

Last year's Miss Angel was Mrs. Ruth Robinson, 5'6", brown-haired, brown-eyed beauty from the Combat Vehicle branch.

Deadline for entering the beauty pageant is July 28.
(Continued on Page 2)



GOING OVER plans for this year's Miss RIA Angel bathing beauty contest are reigning Miss Angel Ruth Robinson, and pageant chairman Virginia Case.

—Ray Culley Photo

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VOL. 4, NO. 14

ROCK ISLAND ARSENAL, ILLINOIS

Friday, July 14, 1967



AN ARMY COMMENDATION MEDAL is pinned on SFC. John R. Hanson by Brig. Gen. C. H. Johnson, Army Weapons Command deputy commanding general, after SFC Eugene J. Barnum received the same award. Sergeant Hanson, inventory manager with Rock Island Arsenal's Tool and Equipment division, retired at the end of last month. Sergeant Barnum is with AWC's Supply and Maintenance directorate.

—Ray Culley Photo

Food, Fun and 'Extras' Planned for RIA Picnic

With plans underway for providing food, fun, games, entertainment and a "few extras," the civilian non-appropriated funds council this week announced the Rock Island Arsenal's 22nd annual family picnic.

The day of festivity, which will feature "something for everybody," is planned for Aug. 5, according to Ray Reese, fund chairman.

Mr. Reese explained that admission tickets for employees and their families and guests will again be used this year. He advised employees to contact their supervisors as soon as possible as to the number of tickets they need.

One of the features of the picnic will be the third Miss RIA Angel bathing beauty pageant.

Another highlight will be a complete carnival with rides and offerings for all age groups. Included in the rides tentatively will be a ferris wheel, merry-go-round and boat rides. Clarence Huff is serving as rides chairman.

Food, always a favorite at any type of picnic, will be served twice during the day. In addition, a

concession stand is scheduled to be open throughout the day. Linn Neighbors, post cafeteria manager, heads the food committee.

Some of the other people involved in the planning of activities are members of the Ordnance Service Club, Local 81 Arsenal Machinists Union, Local 15 National Federation of Federal Employees, Fire Fighters Local 5, International Association of Tool Crafters, and the International Brotherhood of Firefighters and Oilers Union.

Overall chairman of the family-type picnic and activities is Harry Wagner, SWERA-SM.

The picnic will also feature a portion of the program devoted to Arsenal employee amateur talent. The competition will be divided into various categories, depending on the type of entertainment performed. Winners in each category will receive trophies.

Bingo and other adult-type games are also planned for the day's program. The adult games will be operated under the sponsorship of the Officers Wives Club and



1ST LT. DONALD E. APPLER, a 1965 graduate of the U.S. Military Academy, recently arrived here from duty in Vietnam and has been named aide-de-camp to Brig. Gen. C. H. Johnson, deputy Army commanding general, Army Weapons Command, Originally from Huntsville, Ala., the lieutenant served with the 15th Infantry Division while in Vietnam and earned the Army Commendation Medal with V device, the Bronze Star, and Air Medal.

Official Entry Blank

August 5, 1967

Name _____

Cost Center _____ Arsenal Phone _____

Home Address _____ Home Phone _____

Entry Deadline July 28

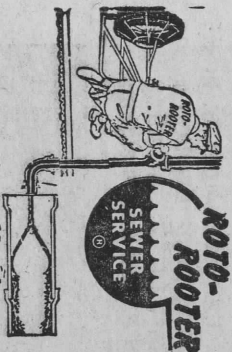
(Return entry blanks to Virginia Case,
SWERT-PRS-3118, Ext. 6719)



MAJ. WARREN N. BALISH, an engineer in PM Aircraft Weaponization, Hq Army Weapons Command, was promoted to that grade earlier this month. The major, a 1958 graduate of the University of Scranton, is a nine-year Army veteran, served three years in Germany and recently returned from a one-year tour in Vietnam. He is married to the former Marilyn Thye and they now live in Bettendorf.

In heavy rains a driver's vision can be reduced almost to zero. Make sure you have windshield wipers with live rubber blades. Wipers are cheaper than accidents!

clogged sewers cleaned



- Bathroom
- Kitchen
- Laundry
- Basement



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BEAUTIES -

(Continued from Page 1)

An official notice and entry blank will be circulated throughout the various Arsenal agencies within the week. All entries or inquiries should be directed to Virginia Case, SWERT-PRS-3118, ext. 6719.

Rain on the road can cause "hydroplaning," when the tires actually ride on a film of water at higher speeds. Badly worn or smooth tires will "hydroplane" at lower speeds than tires with good treads. Check your tires before driving in the rain.



THREE YOUNG BEAUTIES talk about entering this year's Miss Rock Island Arsenal Angel beauty contest slated for the annual picnic, Aug. 5. From left to right, they are: Blanche Moran, Sandra Spencer and Mildred Flanagan. —Ray Culley Photo

AMCIS EMPLOYEE CREDITED WITH LIFE SAVING EFFORT

Dennis Entrekin, his wife and 13-year-old son David, of Bloxi, Mississippi, were saved from drowning, 4 June 1967 by William Kornman, of AMC Installations and Services Agency.

Mr. Kornman, a forester, was enroute from Louisiana State University, Baton Rouge, Louisiana, where he has been working on his masters degree in Wildlife Management, to Fort Rucker, Alabama. While driving between Pops Ferry

Bridge and Burnt Bridge on to save the lad. Entrekin, Bark Bay near Bloxi, Mississippi, Mr. Kornman heard a commotion and saw a man running to the water's edge. Entrekin, his wife and three children were fishing from the bank alongside the highway when David slipped off the cement and into the water. Mrs. Entrekin called to her husband, who was a short distance down the road with the other two children. She then jumped into the water

rapidly moving current and was pulled underwater several times. Kornman tried to pull Entrekin by the hand, but could not save him that way. He extended his legs and told the man to grab on. In this manner he swam and pulled Entrekin up onto the rocks. Entrekin later stated that he probably could not have made it back to shore without Kornman's help. "I was about gone," he said.

CHECK! CHECK! CHECK! CHECK! CHECK! CHECK! CHECK!

In this modern day and age we can't emphasize too much the importance of this word . . . **CHECK!** It's a reminder, of course, to pay all important obligations by **CHECK**, the modern business-like way to pay that gives you a complete record of income and outgo with cancelled checks as signed receipts for payment. It's a reminder, too, to **CHECK** up on your spending—spend **LESS** than you earn; **CHECK** up on Your Saving—save something every week, here at Moline National and always **CHECK** thoroughly any investment before investing. Financially speaking this is a most important word, so remember it . . . **CHECK!**



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SCHEEL NEW CHIEF IN DEPOT STORAGE

Robert L. Scheel, of 2426 Warren St., Davenport, Iowa, has been named branch chief of Rock Island Arsenal Depot division's storage branch. He follows Francis (Tubby) O'Brien, who retired recently after 33 years of government service.

Mr. Scheel started at RIA as a laborer in 1940 and has been a storekeeper, foreman and management analyst before his present assignment.

During his career, Scheel has won numerous work performance awards. In 1960 he earned a Sustained Superior Performance Award and also received the Department of Army's Performance Awards certificate.

He is married to the former Clara Hill and they have a daughter, Karen L., who is a student at Southern Illinois University.

His wife also works at the Arsenal — after 16 years with the Corps of Engineers, she now is with Army Weapons Command's Research and Development division.

AWC HEADQUARTERS AWARDS CONTRACT

The Headquarters of the Army Weapons Command has awarded a contract to Allison Division of General Motors Corporation valued at \$19,212,760. The contract calls for the production of M109 self-propelled howitzers.

The M109 weapon system is an aluminum armored, self-propelled combat vehicle mounting a 155mm howitzer as its primary weapon. It replaces some World War II weapons used in support of some armored and mechanized divisions.

The production of the M109's will take place at the Cleveland Army Tank Automotive Plant in Cleveland, Ohio.

The award of contracts such as this one is a means by which the Army Weapons Command implements its responsibility for the research, design, development, procurement, and world-wide logistics support of almost all Army weapons except missiles.

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Robert Scheel

DELEGATE AUTHORITY

In a recent memorandum, Brig. Gen. W. J. Durrenberger, commanding general of the Army Weapons Command, delegated authority to directors, office chiefs and project managers to approve suggestion awards up to and including \$100 for each adopted suggestion.

The memorandum includes the information that the supervisors who now have the approval authority, "must have completed the basic training course, 'Recognition of Employees,' CPP 41-B-8."

The memo also pointed out that the authority "may be exercised only when the suggester is under the supervision of the supervisor who has the authority to adopt and implement the suggestion."

It also states that approvals will be pre-audited by executive secretaries for mathematical accuracy and regulatory compliance prior to submission for payment. Officials feel that with the new vested authority, many more employees will be encouraged to submit suggestions.

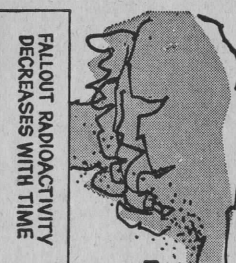
COMPLETES COURSE

Larry Boeckman, AMSWE-SMD-W, a Lt. in the Army Reserves assigned to the 5041st USAR School, Davenport, completed a four-year artillery career officers course at Ft. Sill last week.

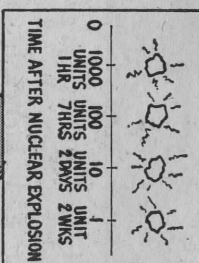
He received instruction during the summer active duty period on tactics, artillery, gunnery, operations in nuclear radiation areas, counter guerrilla operations and the Honest John Rocket. He also attended a demonstration on the Pershing and Sergeant Missile, an artillery firepower demonstration and a demonstration of the helicopter airlift tactics of artillery as employed in Vietnam. The demonstrations were arranged for the visiting West Point class who were at Fort Sill on tour.

One of the reserve duty instructors for the artillery career officers course was Lt. Col. Edwin Vaughn, AMSWE-RDR, who is on active duty for the two week period as an instructor in nuclear radiation operations and counter guerrilla warfare.

DID YOU KNOW - ?



THE RADIOACTIVITY OF FALLOUT DECREASES RATHER RAPIDLY AT FIRST—MORE SLOWLY AS TIME PASSES. MEASUREMENTS OF THE LEVEL OF RADIATION DETERMINE WHEN A GIVEN AREA MAY BE SAFE FOR A SHORT PERIOD OF EXPOSURE. EACH DAY THESE SAFE PERIODS BECOME LONGER, UNTIL AT LAST THE DANGER OF EXPOSURE HAS PASSED.



THAT THE RADIOACTIVE PARTICLES WILL SINK TO THE BOTTOM IN WATER AND THE WATER WILL THEN PROVIDE A GOOD BARRIER SHIELDING AGAINST RADIATION FROM THESE PARTICLES

MORE FACTS? CONTACT YOUR LOCAL CIVIL DEFENSE.

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An American Tradition

OUR AMERICAN HERITAGE



"A free society devoted to achieving the natural rights of its citizens can be maintained and tyranny prevented only if the people in general are well educated." —Thomas Jefferson.

Millions of young Americans have completed another school year. Many of them have entered the world of business or industry to apply the knowledge they have absorbed during their school years. The remainder will return to their respective schools in the fall.

Whatever the case may be, these millions have reaped the benefits of a tradition that is a vital part of our priceless heritage—the opportunity for every American to obtain an education.

The United States has one of the most comprehensive public education systems in the world. Our public schools, colleges and universities, coupled with the thousands of private educa-

tional institutions, have helped produce an articulate and knowledgeable population.

This awareness of the value of an educated populace is no accident. For more than 300 years education has been considered essential in America. As early as 1642, civil authority required compulsory education for children.

Throughout our history, as our nation has progressed so has our educational system. It has sought to provide the youth of our nation with the skills and knowledge necessary to succeed in an increasingly competitive and complicated society.

The methods and curricula within our educational systems are continually changing in order to meet the growing demands of our modern world. Its ultimate goal, however, is an educated, intelligent population which can preserve and advance our democratic society.

Auto Talk

by Werner A. am Ende

Mass production of electric cars will probably start around 1975 with sales of 1.5 million in 1980 and 3 to 4 million by 1985.

One electric equipment manufacturer, however, is planning to market a car next year. The car will be limited to about 40 miles per charge, and will not exceed 25 miles per hour.

From the looks of a picture I saw of the electric, Henry Ford's Model T was a beauty by comparison and it looked like a glorified golf cart with a roof. The cost will be around \$2,000.

However, the electric will have many advantages, such as: practically noiseless operation, no transmission or drive shaft, and no radiator.

It would be safe to assume that the early electric will be around the size of a faulty or defective lights—front, rear and stop lights—were the top reason for rejection when 4,500 Vehicle Safety-Check programs were conducted during 1966.

Arsenal Target

The Arsenal Target is published every other Friday. Editorial material for publication in the Target will be received only through the information Office, Army Weapons Command, Building 390, Rock Island Arsenal, Ill. Telephone 794-6734.

All advertising copy and payments will be received by The Herald, 822 15th Ave., East Moline, Telephone, 755-5224. The deadline for copy and advertising matter is the Tuesday before publication.

The Arsenal Target is distributed free of cost to all personnel at Rock Island Arsenal. Mailing arrangements, at \$4.50 per year, may be made with the publisher, The Herald. Retired Arsenal personnel may subscribe for \$3 per year.

R-F Engineer In 'Succeed'

Without casting any disparaging remarks on the honest profession of window-washing, it hardly seems worthwhile for a first lieutenant in the U.S. Army to want to switch.

However, when it comes to 1st Lt. Tom Perry, a research engineer with Rock Island Arsenal's Research and Engineering division, it is a good switch.

Lieutenant Perry has the role of J. Pierpont Finch in the Quad-Cities Music Guild's midsummer production of "How to Succeed in Business Without Really Trying."

"How to Succeed" is the story of the rapid rise of a lowly window washer to chairman of the board.

The production is now playing at Moline's Prospect Park Auditorium. It started last night and will continue with performances beginning at 8 p.m. through Monday, July 17.

In "How to Succeed," Finch is accompanied on his phenomenal rise by a pretty secretary, Rosemary Pilkington, played by Bettendorf's Sherrie Kluger Laing.

Although this is Lieutenant Perry's debut with the Music Guild, he has previously appeared in the Playcrafters' production of "Darkness at Noon."

Tickets for the show are available at a number of local businesses on a cash, first-come, first-served basis.

Smart drivers always reduce their speed when it begins to rain. If the rain is extremely heavy, they will pull completely off the road and stop with lights on.

NAUSEOUS NELLIE SEZ:



... WAS NEVER LIKE THIS because where I come from everything was neat and clean, but this ... this is ridiculous.

FOOF'S SPOOFS

THE TROUBLE WITH SOME OF US IS THAT IN TRYING TIMES WE QUIT TRYING.



Install Officers

New officers were installed at the recent meeting of the Quad-Cities Chapter, Federal Government Accountants Association. Retiring president Jack Graham, Army Weapons Command Procurement and Production directorate, presided at the ceremony.

Installed as president was Ron Carpenter, while Richard Casle was installed as vice president. Other new officers included Ray Boeding, treasurer; Eleanor Daly, secretary; and Ruth Drew, recording secretary and librarian.

Directors installed were: George Caddy, programs and meetings; Dick Selle, research, education and by-laws; Ben Rowley, publicity; Jim McKamey, membership; Bill Engel, professional group liaison; Dave Johnston, symposiums and conferences; and Rod DeVries, at large.

After the installation, George Barr spoke about his experiences during his 40 months of captivity during World War II. Mr. Barr, a member of Doolittle's Tokyo Raiders, is one of four of the eight captured Raiders who lived to return home from China and Japan.

It has been found that motorists are more aware of other vehicles on the road when headlights are on during daylight hours. Be sure to turn on your lights whenever and wherever you drive on holiday weekends.



IF YOU GET a charge out of learning more about the potential of electric cars, read Auto Talk. If you get a charge out of our pretty electrician, she's JoAnn Mackamer of AMSWE-RDP.

—Bob Devore Photo

IDEAS EARN \$\$\$

More than \$2,000 in suggestion awards was presented in the past few weeks to headquarters Army Weapons Command and Rock Island Arsenal employees, according to a recent report from the incentive awards committee.

Prepared by Helen Paulson and Mildred Deere, the report was from the end of April through June 2. By organization, the recipients were:

- AMSWE-SM**
Virginia P. Franz, \$45
Rea F. Wilkerson, \$20
- AMSWE-SC**
Dianne K. Beck, \$20
- SWERI-PP**
Camille V. Lorrain, \$40
Walter H. Schoening, \$15
Harold F. Fuller, \$15
William L. Williams, \$15
John F. Ahrens Jr., \$15
Ira G. McFaden (2), \$125
Lewis E. Watson, \$15
Joseph H. Terrell, \$15
Jacob W. Spinello, \$15
Leo K. Oaks, \$20
Donald J. Eaton, \$15
Ronald D. Gray, \$20
George W. Fox, \$15
Delbert W. Arps, \$15
Fried D. Lancaster, \$15
Marvin E. Hanson, \$15
Thomas L. McCormick, \$15
Hattie B. Sorenson, \$20
Harold T. Secynore, \$25
June K. Boney, \$15
Ross E. Jasper, \$15
George I. Rigg, \$15
Duane H. Cunningham, \$25
Robert O. Magnuson, \$20
Harold E. Moore, \$15
Gerard C. Strohm
Robert F. Gollnitz, \$15
Louis A. Bockenfild Jr., \$60
Lawrence B. Forari, \$200
Michael M. Williams, \$20
George C. Bras, \$30
John T. Colman, \$30
Robert G. McKinnon, \$20
William A. Nabbs, \$40
Carl E. Irwin, \$15
Kenneth C. Witharber, \$15
Raymond Peters, \$15
Ben D. Doyle, \$25
Trellis Thomas, \$15
Lena L. Lane, \$20
Claude R. Williams, \$30
- SWERI-HS**
Monte M. Austin, \$10
Robert C. Stash, \$10
Thomas J. Holder, \$15
Everett L. Wokosinski, \$15
Wilbert J. Stoen, \$15
Russell J. Vogelmann, \$10
- SWERI-QA**
Laurie L. Yihnen, \$15
William E. Gill, \$25
Earl P. Brunk, \$15
Harold H. Hall, \$15
- SWERI-SM**
Charles Parker Jr., \$15
Robert L. Kaas, \$20
Jesse J. Quinones, \$15
Sarah E. Pierson, \$25
Billy J. Bixt, \$60
Lawrence M. Smith, \$45
Hebburn H. Heinrich, \$45
Roy A. Schultz Jr., \$15
Oney I. Stearns, \$20
- SWERI-RD**
Juanita F. Coffman, \$25
Alois J. Koucky, \$25
Fred Novakoff, \$15
- SWERI-SC**
Michael E. Papich, \$15
- SWERI-DP**
Robert Loftus, \$10
William R. Walters, \$10
- SWERI-TR**
Lenvil C. Simmons, \$15
- SWERI-PR**
William D. Geidl Jr., \$15
- SWERI-PT**
Barbara A. Ellexson, \$15
Patrick J. Broderick, \$15
- AMXOM-AMETA**
Sallie M. Phillips, \$15
Richard J. Schonberger, \$15
Raymond B. Loecke, \$15

(In the following list, abbreviations used are SSP—Sustained, Superior Performance, QSI—Quality Step Increase, OPR—Outstanding Performance Rating.)

The following listings cover reports from the incentive awards office dated Mar. 30, May 11, 25 and June 1.

- SWERI-PP**
Johnnie Gattermeyer, SSP, \$100
James J. Knorrer, SSP, \$100
Lennie H. Knorrer, SSP, \$100
Leon D. Roberts, SSP, \$150
Clemon S. Hodges, \$150
Benjamin S. Wimble, SSP, \$150
Kenneth F. Webb, SSP, \$150
Lymon M. Hute, SSP, \$150
Henry J. McDermott, SSP, \$100
Paul C. Egan, SSP, \$150
Leonard E. Iverson, SSP, \$100
Theodore H. Mohart, SSP, \$100
Eugene Harrington, SSP, \$100
- SWERI-QA**
Rayard W. Shugart, SSP, \$150
Harold H. Hall, SSP, \$150
Glen S. Tolson, SSP, \$200
- SWERI-IS**
Dewey R. Beswell, SSP, \$100
Lawrence J. Johansen, SSP, \$150
- SWERI-PT**
Sharon J. Sowash, OPR
- SWERI-CP**
Eva J. Watson, QSI
- SWERI-MS**
Nadean S. Anderson, OPR
- SWERI-RD**
Mary L. Haudell, SSP, \$150
Francis S. Meade, SSP, \$250
- SWERI-TE**
Donald A. Cox, SSP, \$250
- SWERI-DP**
Harold R. Defrize, SSP, \$250
- SWERI-SC**
Danny D. Alberts, SSP, \$100
Jack D. Valentine, SSP, \$100
- SWERI-TR**
Earl R. Schwartz, SSP, \$150

Ideas Earn Cash

Two Corps of Engineers employees were recently given cash awards for approved suggestions.

Anna P. Welch, a finance and accounting branch cash clerk, received a \$15 award and George R. Wising, a real estate division attorney, was awarded a like amount.

Miss Welch's idea concerned an improved method of showing payees' names and Mr. Wising's idea was to eliminate some supporting documents.

Light Up And Live

Take your time on that vacation trip.



"That's Good Common Sense" SUMMER is the time to WINTERIZE YOUR HOME

Decide now to make your home more comfortable and liveable next winter. Don't wait until cold weather is here again. BANK OF SILVIS Loans are available for any of the improvements listed here, as well as many others. Check over your needs and plan to see us for the necessary financing.

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- New Furnace
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Thurs. 9:00 - 3:00
Fri. 9:00 - 2:00 and 3:00 - 6:30
Sat. 9:00 - 1:00

2 DRIVE THROUGH WINDOWS

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Thurs. 8:30 - 5:30
Fri. 8:30 - 6:30
Sat. 8:30 - 1:00

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EMPLOYEES OF THE Rock Island Arsenal plant facilities office work to mount the forged plaque commemorating the commanding generals of Army Weapons Command. The finished product is on the west wall in the main foyer of the Administration Building. —Bob Devore Photo



DINING AND COCKTAILS

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The Quad-Cities Newest and Nearest Motel, at the Foot of the Arsenal Bridge.

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PATRONIZE OUR ADVERTISERS

BULKY 'HARD COPY' REDUCED TO CARDS

A recent Invitation for Bid package, prepared by Rock Island Arsenal's Procurement division, contained technical data package (TDP) documentation in the form of 35mm aperture cards.

The photo with this article shows the forty technical data package sets used for procurement as the original "hard copy" and transferred into aperture cards.

The hard copy takes up

some 17.5 cubic feet of space in the form of a 30-foot high stack of documents weighing approximately 600 pounds.

In comparison, the 40 aperture card TDP sets take up about one-third cubic foot and is a two-foot stack of cards that weighs 16 pounds.

The most obvious cost reduction thus realized is in mailing costs. The aperture cards could be mailed — in this example — as first class

postage that would cost \$16, while the hard copy would have to be sent as parcel post and still amount to \$80 postage.

Another advantage of the card system, although not as obvious perhaps, is the ease of TDP assembly and reproduction afforded by the aperture card. The cards are all of equal size whereas the hard copy is made up of random size drawings and documents.

Even actual reproduction will be facilitated by aperture card reproduction equipment, presently being acquired, which is capable of exposing, developing and punching 2,000 aperture cards per hour.

The aperture cards used in this test were reproduced in coordination with AMSWE-MS as part of its development of the Technical Data Package Automated System. Under this system, aperture card TDPs will become a common media throughout Army Weapons Command, being used on procurement items of all mission items.

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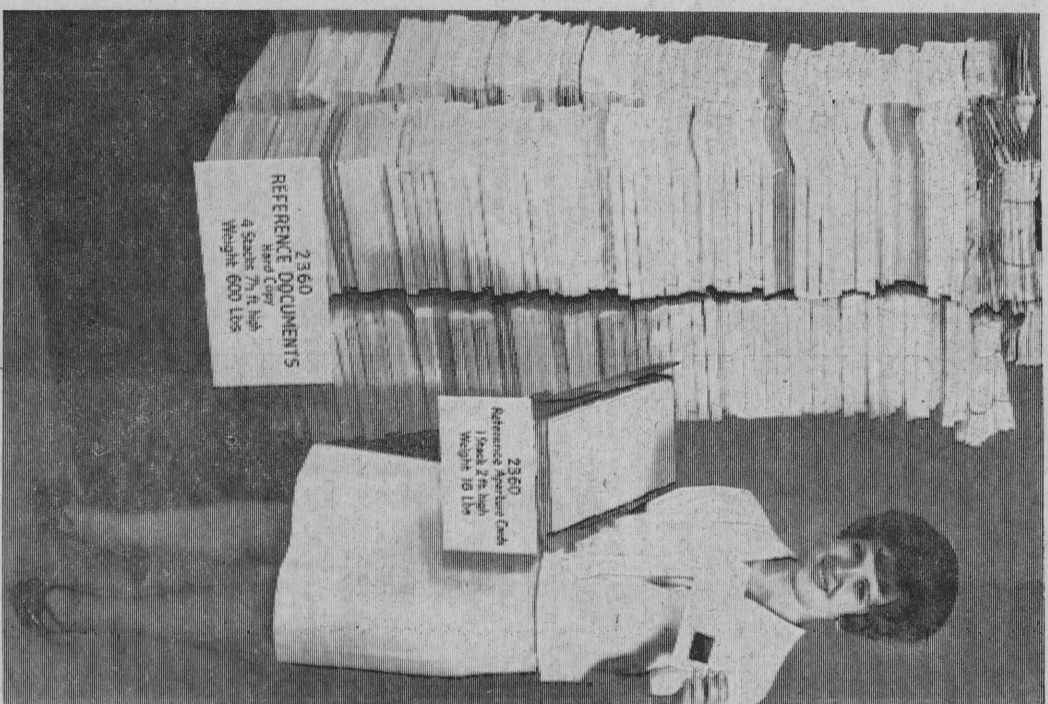
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THE AWESOME STACK of documents on the left, weighing 600 pounds, is reduced to the small boxful of aperture cards, 16 pounds of them, held by SWERL-PR's Patricia Vance, as part of the Technical Data Package Automated System (TEDPAS).



2360
REFERENCE DOCUMENTS
Hard Copy
A Stack 7 ft. high
Weight 600 lbs.

2360
Reference Aperture Card
1 Stack 1 ft. high
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You can't enjoy long distance driving on that vacation if you're aching, ailing or tired.

Two Dr. Cottons

Richard W. Cotton, acting chief of the Army Weapons Command's Operations Research Office should not have to worry about medical care in his latter years. His younger son, Robert, has just graduated from the University of Illinois, College of Medicine. This makes two Doctors in the family, as his older son, Thomas, graduated from the same school two years ago. Captain Thomas Cotton is a company commander of Co. B 25th Medical Bn. in Vietnam. He has been there for ten months and he is scheduled to return home in September. Dr. Robert will spend the next year as an intern in the Sacramento County Hospital in Sacramento, California.

It may surprise some of us to know that a standard course in driver education is now available for adult drivers. The National Safety Council has developed an adult "Driver Improvement Program" based on the experience of the motor transportation industry. The course may be sponsored by local organizations and agencies.

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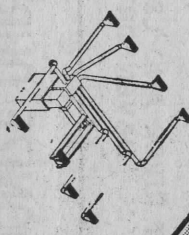
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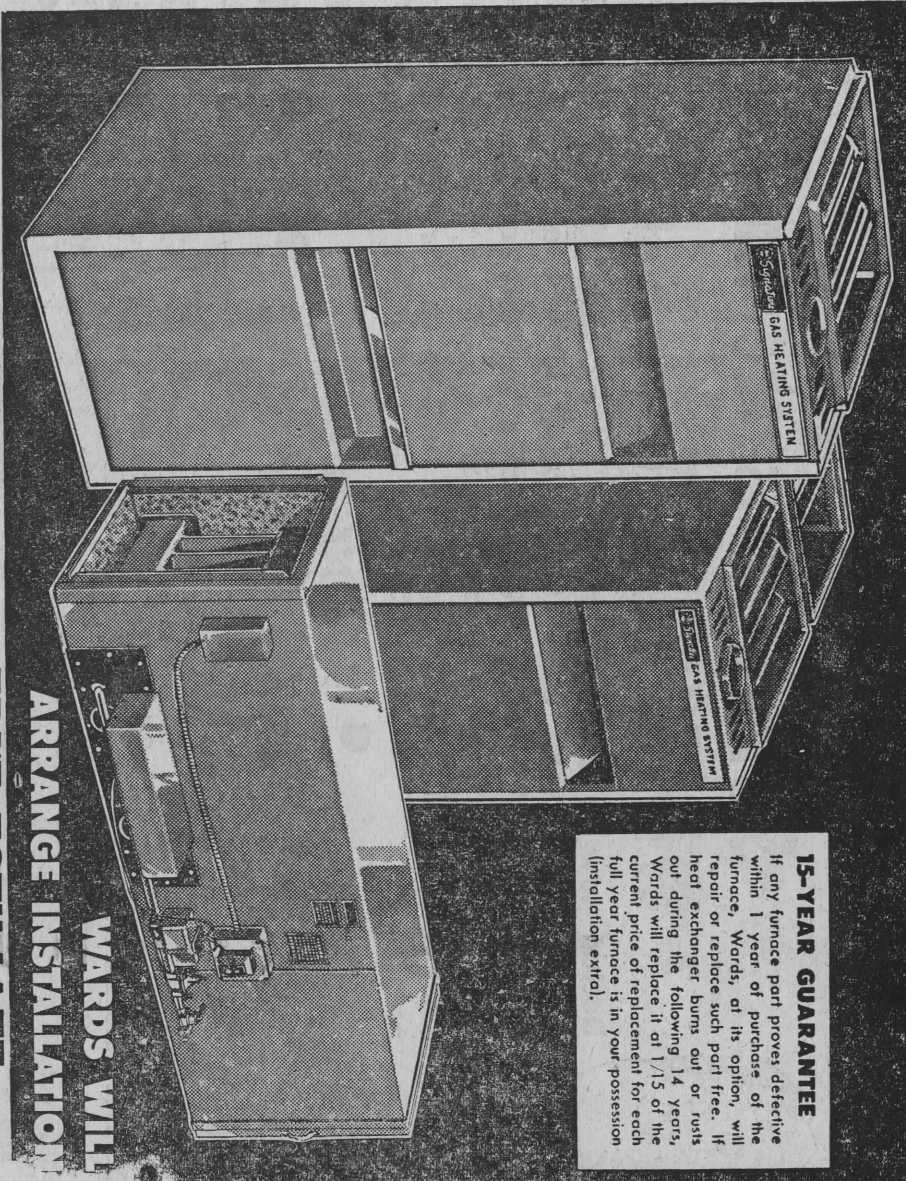
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Do you have bugs in your flour? Ah, come on now, quit laughing, I'm serious. (Well, maybe a little chuckle among you is all right, but that's all—)

Reason for asking is that if you do have—in your—, I've got a remedy for you. Or at least Shirley Kah n, SWERL-SMS, says I have!

It seems that if you are "bugged" (excuse pun, please) by—in your—, just put a few bay leaves in the container and the— will stay away as if they had just heard "R-A-I-D!" was having a convention there!

And, don't be afraid that everything you make from that flour will taste like bay leaf, for this simply does not happen. Cross her fingers and she hopes to die!

When the above plum of "househintery" knowledge was dropped into my lap it got me to thinking. With hints being offered women all over this broad land of ours by papers, magazines, and house organs of all sorts, there just wasn't any reason why my gals here on the Island had to be neglected.

So, how about this idea? Anyone who has a good "hint," if you would send it to the "TARGET," my attention, I'll be delighted to pass it on to our Islanders.

When you are riding a motorcycle in traffic, assume that the other driver doesn't see you—which is often the case. Keep your machine in top condition and obey the traffic rules. Remember, helmets and protective clothing will reduce your chances of being injured or killed.

Putting clothes to be ironed into the freezer when you get caught short on time is an oldie. It presents the awful possibility

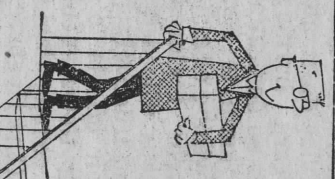
I'm sure, however, that there are ones you have of your very own that can be of help to your fellow female Arsenal employee, so scribble them down and send them in. No charge! See you!

Not This . . .



Carelessness causes falls, and falls are a leading accidental killer. "Never overload," see where you're going.

But This . . .



Falling accidents can be prevented. Be sure you watch where you're going, the Red Cross advises.

To All Arsenal Personnel

Joe Takes of

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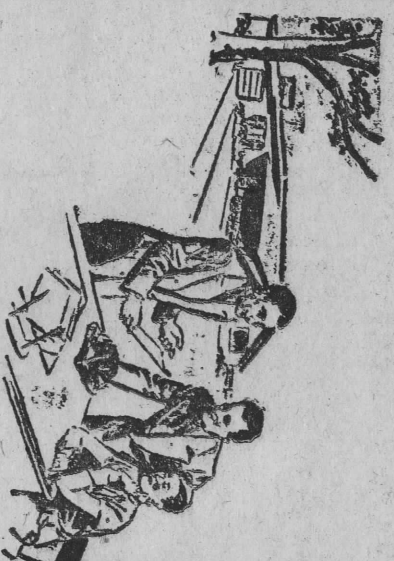
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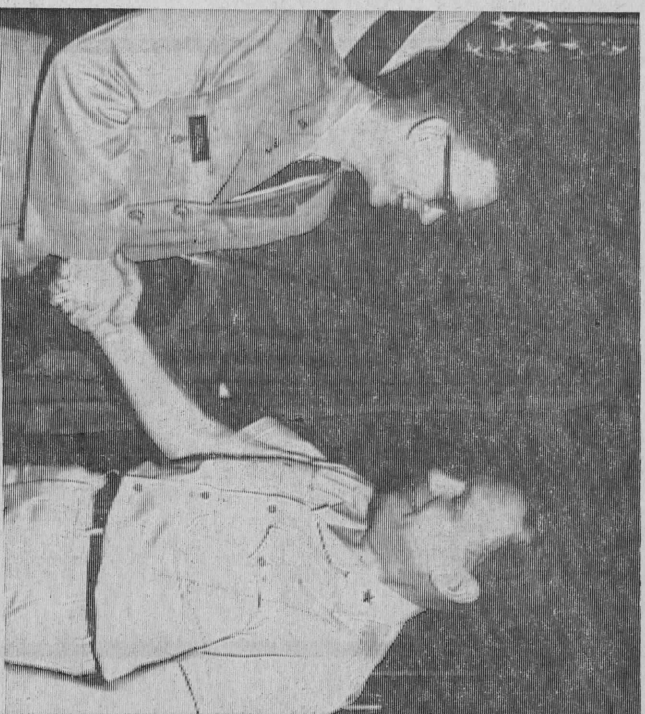
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Brig. General W. J. Durrenberger, commanding general of AWC, congratulates Lt. Timothy R. Russell upon his recent promotion from 2nd to 1st Lt. Lt. Russell has been assigned to Hq. AWC as a project engineer in the Aircraft Weaponization Project Manager's Office since October of last year.

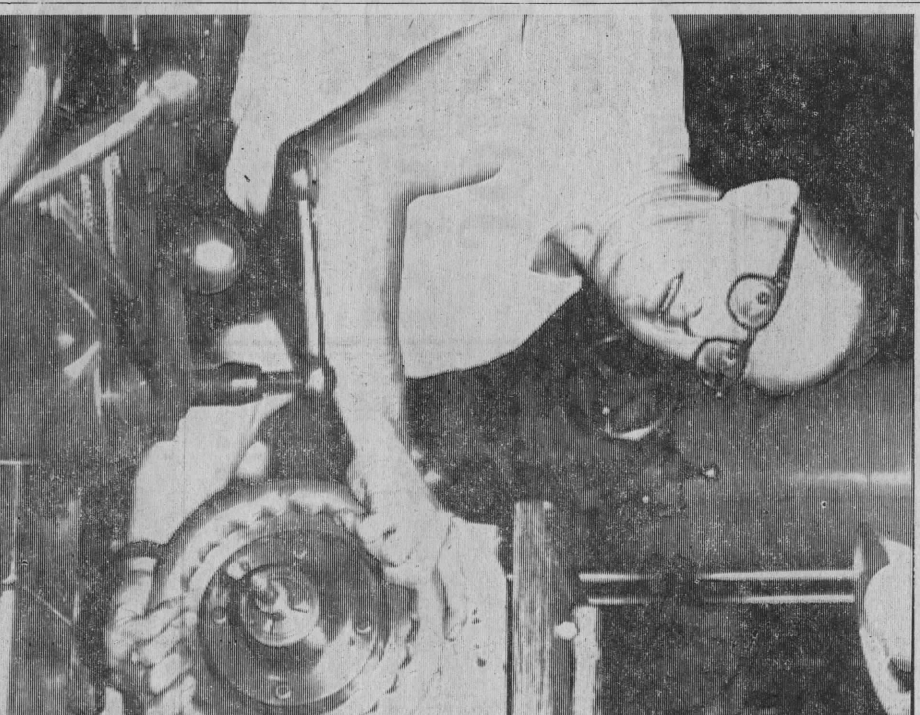
HOGBERG STORY READ INTO U.S. CONGRESSIONAL RECORD

"Hogberg Family Gives and totals almost 132 years, 132 Years of Service to the Rock Island Arsenal and the Federal Government" is the caption of the extension of Remarks made by Representative Tom Railsback of Illinois in the House of Representatives. These remarks appear in the June 12, 1967 Congressional Record.

"Mr. Speaker, it is always reassuring to be reminded that, even though they are often most conspicuously vocal and visible, today's flag desecrators and draft card burners who seem to be dedicating their efforts more to disruption than anything else, have not effectively replaced the Americans who are quietly and constructively dedicating their efforts to service to their Government. Such is the commendable example of Curt Hogberg, a constituent of mine in the 19th district of Illinois, who recently retired as director of Army Weapons Command Personnel and acting chief of the Rock Island Arsenal Personnel after 33 years of Federal service.

Often referred to as the grand old man of personnel, Mr. Hogberg started with the arsenal in 1934 as a machinist's helper and switched to the personnel career field in 1945 where he has been ever since. His outstanding contributions were recognized in 1957 when he was awarded the Commendation for Meritorious Civilian Service, one of the highest Department of Army citations that can be bestowed on a civilian employee.

Curt Hogberg's contributions are certainly worthy of note, but his 33 years of service are also indicative of what has become a family tradition.



WINNER OF A \$110 suggestion award is Russell J. Vogel-sang, a machinist with Rock Island Arsenal's Installations office, whose idea resulted in rewinding drive motors to slower speed for plating, which resulted in a better plating job on barrels and fewer rejects. He lives at 2020 38th St., Rock Island, Ill.

I wish to commend the Hogberg tradition of dedicated Federal service to your attention and to insert an article which appeared in the Arsenal TARGET in the RECORD for the benefit of my colleagues."

The article that appeared in the April 21, 1967 issue

of the TARGET, followed Rep. Railsback's introductory remarks.



PAUL HEINZE, data management branch chief, Army Weapons Command Management Science and Data Systems office, spoke recently at the Defense Data Management course conducted by the U.S. Air Force Institute of Technology, Wright-Patterson AFB, Ohio. He discussed AWC policies, procedures and techniques used here to manage data.

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July 27—Oscar Mayer Night
July 28—Next Arsenal Family Night

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Bull's Eye

Carl S. Dumbell retires tomorrow after 32½ years of federal service, from his position as chief of the Corps of Engineers design branch specifications section. He began his career back in 1923 as a sub-surveyor for the Mississippi River Commission in St. Louis.

—0—
Wanda Paul, a clerk-steno in SWERL-PRS, announced her engagement June 27 to Earl Hickman Jr., employed with the Servus Rubber Co.

—0—
Arlene Dickinson, RIA Tool and Equipment division, was in Batavia, Ohio, July 8, to help her parents celebrate their 55th wedding anniversary.

—0—
Maureen Grant, of AMSWE-SMS, and **Keith W. Magee**, of AMSWE-SMD, were married June 30 in the South Park Presbyterian Church in Rock Island.

—0—
Daniel O'Hern, of RIA Tool and Equipment division, and **Judith Foley**, a nurse at St. Anthony's Hospital, were married June 17 in Rock Island. Judith's father, **Raymond**, is with the Combat Vehicle division.

—0—
Three AMSWE-SMM employees were among 44 Army officers and civilians who attended the first AH-56A familiarization courses at the Lockheed-California Co. Attending the "Cheyenne" courses were **Robert**

A. Aronson, **Timothy R. Russell** and **Richard T. Yates**.

—0—
Lonnie Conger, an inventory management assistant with AMSWE-SMD, found his son, Yeoman First Class **Cary A.**, the subject of a news story recently. Seems that Cary was being presented his associate degree at Old Dominion College and the Navy man sitting next to him at the ceremonies was a shipmate. Not until the final ceremony did they discover that they both were serving on the staff of Commander Service Force, U.S. Atlantic Fleet in Norfolk.

Drive carefully—the car you save may eventually be yours.

The Constitution of the United States, which we are sworn "... to support and defend ..." by our oath of enlistment or office, is one of the most remarkable and influential documents in the history of the world.

Brief, as constitutions go, and incorporating only general provisions for the establishment and conduct of government, it has not only survived wars, depressions and political changes, but has had a profound influence on the entire course of history and the peoples of the world.

In other lands, it has often been not only the inspiration, but the example for establishment of constitutional government and recognition of individual rights and dignity.

In our own country, it has carried us from an experiment in democracy by 13 states to the position of the most economically and industrially powerful nation in the world.

By the very nature of its brevity and general term-

A More Perfect Union

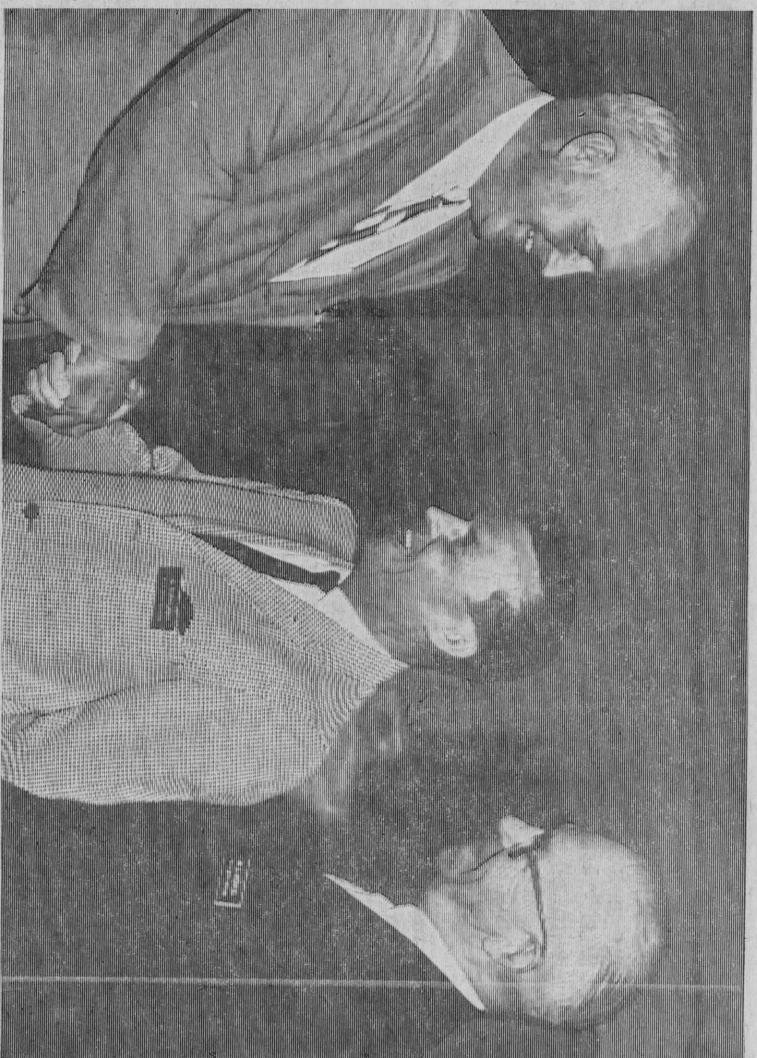
inology, the Constitution of the United States has proven to be more flexible and durable than even its most optimistic framers might have hoped.

With remarkably few amendments or changes, the basic Constitutional framework has remained unchanged since it was signed Sept. 17, 1787 and finally ratified June 21, 1788.

The three co-equal branches of government, established by the framers of the Constitution, remain; each with powers, but with built-in restraints on those powers; each with powers to check the actions of the other two branches.

The powers and the system of checks and balances set forth in the Constitution have, for nearly 200 years, provided the continuity, vitality and flexibility which have served to preserve and strengthen our nation.

As members of the Armed Forces, we are guardians of a system and theory unequalled as the most influential and enlightened political concept in the history of man-



AN \$840.00 SUGGESTION AWARD — to **Charles Birkland** (center), Congratulating **Birkland** is **Louis H. Carstens** (left) chief of RIA Depot and **R. L. Scheel**, chief of RIA Storage Branch. Birkland's suggestion was a proposal that .30 caliber carbines with tubular type receivers be transferred to Account 97 for future sales in lieu of selling as scrap. Sale of 2,222 carbines to members of the National Rifle Association resulted in tangible savings of \$37,885.00.

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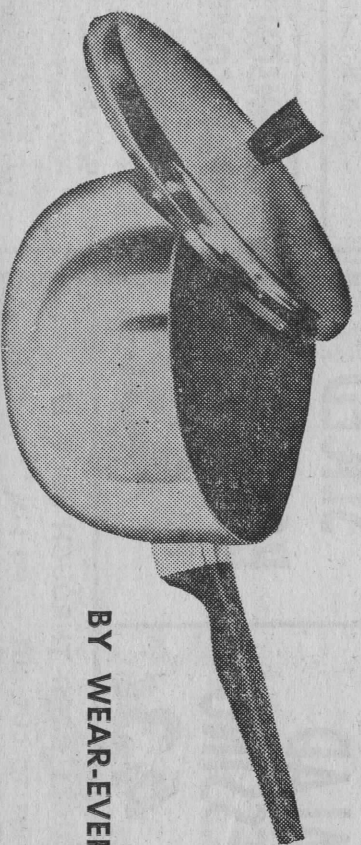
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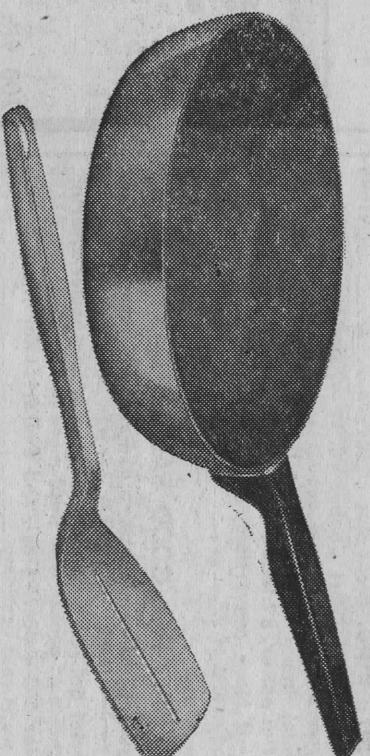
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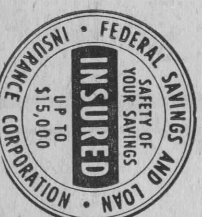


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The members of all sectors of our country- government, industry, la- bor, education, the pro- fessions, the military and the public at large—must be well informed in the complexities of national security if they are to play their assigned roles in a safe and sound American way of life.

The Industrial College of the Armed Forces has, over the years, provided the most effective training in prepar- ing senior military officers and civilian executives for the high policy making po- sitions in the government service.

Operating under the di- rection of the Joint Chiefs

More than 21,000 military and civilian enrollees have completed the graduate lev- el course at the Industrial College either in-residence, or through the correspond- ence course. Of this num- ber, are 61 Missile Com- mand employees who have applied for and taken the course in the past three years.

The corresponden- ce course, entitled "National Security Management," is an off-post replica of the residence course offered at the home base, Ft. Les- ley J. McNair in the na- tion's capital.

Established in 1950, it utilizes its own specially tailored textbooks and test- ed methods of instruction. It provides qualified offi-

cers and civilians with an opportunity to gain a deep- er appreciation of the cen- tral problems in the man- agement of logistic re- sources.

The full set of textbooks for his personal library. In most instances, they will remain on the grad- uate's bookshelf within easy reach for rereading and ready reference.

Although not designed as a means for training special- ists, specialists and general- ists alike can profit from a close, disciplined study of the course materials that are provided at no cost to the students.

The presentations can hardly be called "broad brush" and it is not likely that graduates would call it a "snap." Rather it gener- ally requires from 12 to 15 months of diligent applica- tion to complete the course.

All course materials are provided at no cost to the students. Each stu- dent completing the course is allowed to retain

Graduates are placed on the distribution lists for ad- ditional publications to help them keep abreast of new developments in the field of national security. Through- out their enrollment, stu- dents are encouraged to submit questions and com- ments; and a faculty adviser assists them in obtaining maximum benefits from the course.

Apart from these special incentives of reserve credit points, certificates of com- pletion, and the opportunity to acquire this rare collec- tion of blue books, there is the boundless satisfaction of having undergone a rich educational experience.

Other than direct in- volvement in the residence program, there is no better



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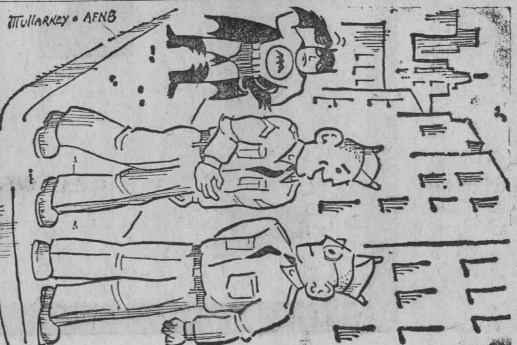
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CAPT. RICHARD MALEK was presented a Certificate of Achievement at the end of last month for "meritorious service from Oct. 6, 1966-July 3, 1967." Captain Malek was a doctor with Rock Island Ar- senal's Dispensary. The pre- sentation was made by Lt. Col. Herbert A. Scheibler, chief of RIA Procurement.



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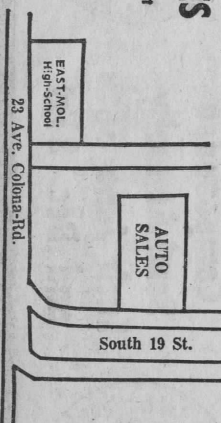
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PEQUA MEN

TO AMC TEAM

Two U.S. Army Production Equipment Agency (PEQUA) engineers have been selected by Army Materiel Command's Maintenance Directorate to participate in a four-year program to modernize and standardize depot maintenance facilities and equipment.

Chosen were James Bruen, 1904 Lincoln Road, Bettendorf, and William Rasmussen, 2714 Sycamore Terrace, Bettendorf.

Mr. Bruen, an industrial engineer, has been with the agency since May 1966. Mr. Rasmussen, whose article on Explosive (Chemical) Forming appeared in the



BRUEN

April issue of "Machine Design," is a mechanical engineer and has been with PEQUA since August 1964.

The project is called Optimum, which stands for "Obtain Increased Productivity Through Improved Modernization of Facilities and Updating Maintenance Tools, Equipment and Methods."

Optimum covers five commodity groups . . . (1) aircraft, (2) combat and tactical vehicles, (3) electronic, missiles and weapons, (4) mobile repair units, marine craft, engineer and rail

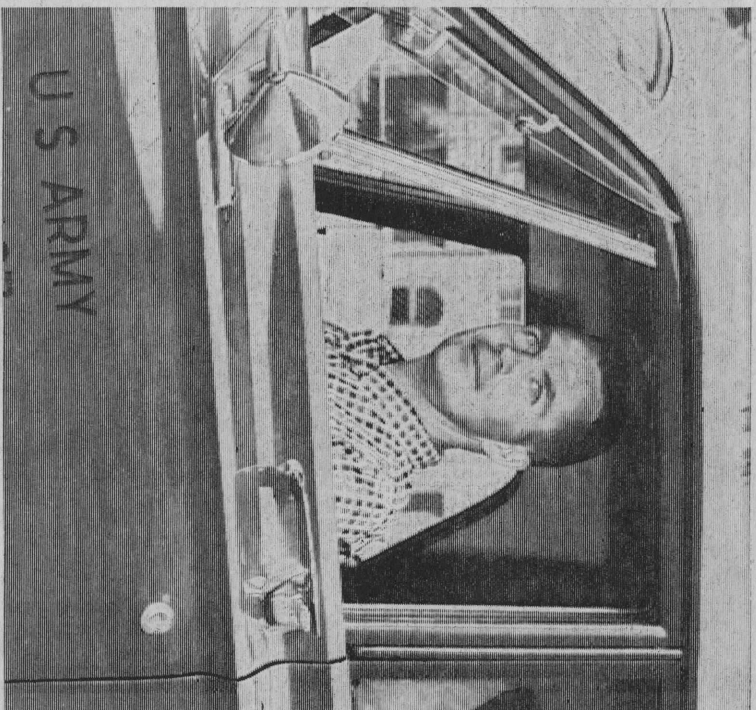


RASMUSSEN

equipment, and (5) ammunition.

Phase One of the project involves the updating of existing facilities and equipment. Phase Two provides for the systematic blending in of maintenance production support to "newly developed or procured items" with other maintenance requirements.

The teams formed are completing phase one and have initiated a study of phase three requirements.



WINNER OF A \$625 suggestion award that he shared with a co-worker at Redstone Arsenal, Ala., is Hugh D. Long, now a driver with the Rock Island Arsenal motor pool. Their idea helped speed up print-out information when stock numbers were changed.

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PATRONIZE OUR ADVERTISERS

July 14, 1967

THE TARGET

11

Attache Visits

Peter Runge, assistant scientific attaché at the German Embassy in Washington, is expected to visit the headquarters of Army Weapons Command and a Rock Island Arsenal on July 24. He will be accompanied by Wendell Turner of Army Materiel Command. He will discuss the training and assignments of Manfred Weisner and Achin Kramer, German scientist - engineers who have been testing and evaluating weapons in RIA's Research and Engineering division since February.

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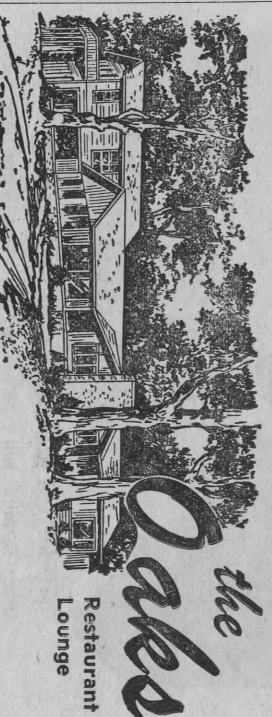
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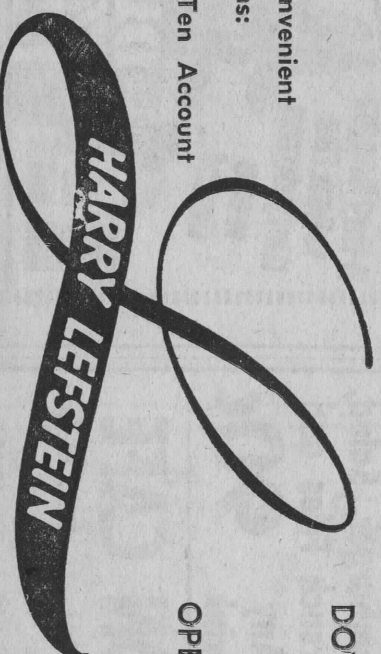
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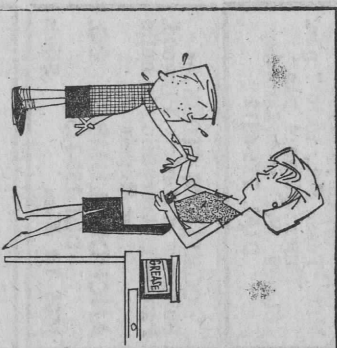
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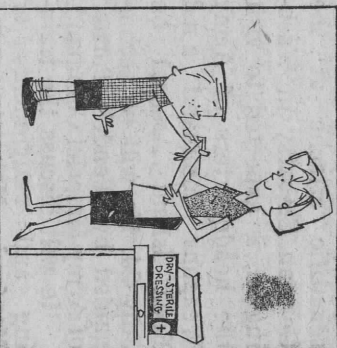
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PART OF CLEAN-UP, Paint-Up week was happy, at least on June 1 for 1st Lt. Richard J. Brincks, center. That's the day fellow officers in Rock Island Arsenal's Research and Engineering section painted his bars silver signifying his new grade. Holding the can is Capt. David M. Alabran, wielding the brush is 1st Lt. Edward J. Haug Jr., and 1st Lt. Ronald T. Perry steadies the old bars.

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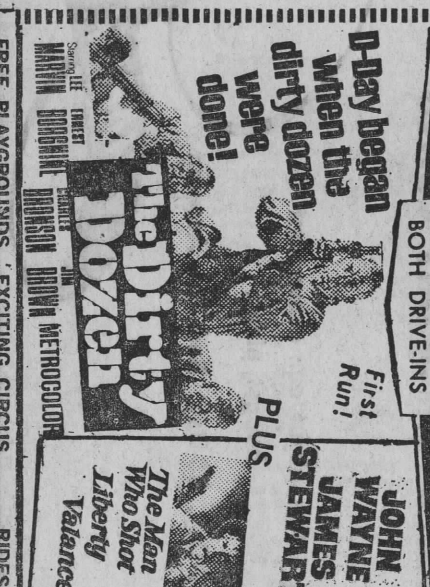
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'Conduct' Published

Military and civilian members of the Defense Department are reminded that each individual is responsible for keeping himself informed and complying with "Standard of Conduct" provisions relating to conflict-of-interest.

The reminder is a routine requirement of DOD Directive 5500.7 which basically directs all personnel not to allow themselves to be placed in a position where a conflict-of-interest may occur or might justifiably be suspected.

The directive covers acceptance of favors, gratuities or entertainment that could be interpreted as influencing the strict impartiality of conducting business in the public interest.

It also ranges over a wide area dealing with former personnel, such as soliciting by active duty military personnel, using of military or civilian titles in commercial enterprises and belonging to associations.

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C-E Gets Honorable Mention In Conservation Competition

The Thomson Causeway Public Use Area near Thomson, Illinois, designed and constructed by the Rock Island District of the Corps of Engineers, has been selected for Honorable Mention in the Army Chief of Engineers 1967 Conservation of Natural Beauty Awards Competition.

Frank Collins of Milan, Illinois, Recreational Planner for the Rock Island District, and Carl Brown, Rock Island, Assistant Recreational Planner, will receive certificates honoring them for their layout and design of this area. Colonel H. B. Coffman, Jr., Rock Island District Engineer, presented the certificates as part of Engineer ceremonies on the lawn of the Clock Tower Building, Friday, June 16.

Collins and Brown did the layout and design work for the actual public use area as well as the layout and design for the exhibit. The exhibit, a four-panel display board, described how the area had been developed for recreational use without disturbing the natural beauty of the area. The display included two water color sketches showing recreational development of the area and a 3 dimensional display showing the layout and topography.

Actual construction of the Thomson Causeway Public Use area began in 1963 on an island which was acquired by the Federal Government during the 1930's as a part of the 9-foot channel project. In 1966, the area was expanded along the mainland and additional facilities were added. Primarily designed to serve the camping family and the fisherman, this 12-acre area provides 16 one family camping or picnic areas each with a picnic table, fireplace, refuse can and tent space.

To further enhance the beauty of the area, the State of Illinois planted several thousand pine trees in the area this spring.



1ST LT. JOE F. JACKSON was promoted to his present rank on June 26. Assisted by Mrs. Jackson, Brig. Gen. C. H. Johnson, Army Weapons Command deputy commanding general, pinned silver bars on the new first lieutenant. Lieutenant Jackson, a 1965 graduate of the Georgia Institute of Technology, is assistant to the chief, AWC Fire Control Repair Parts division.

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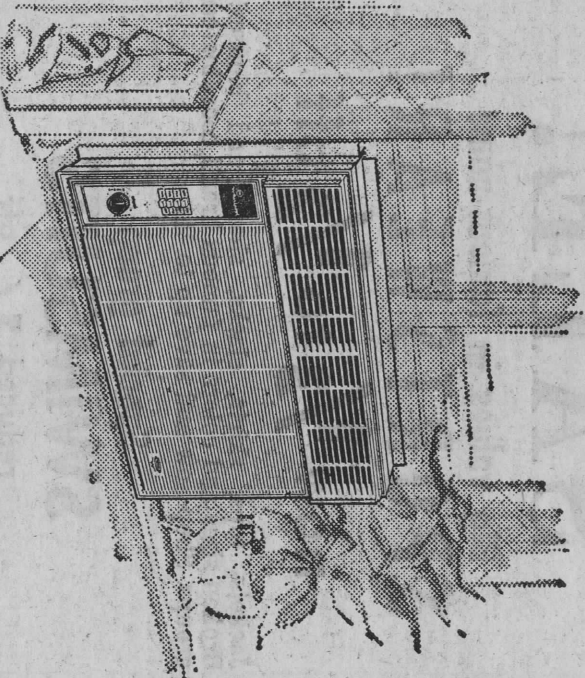
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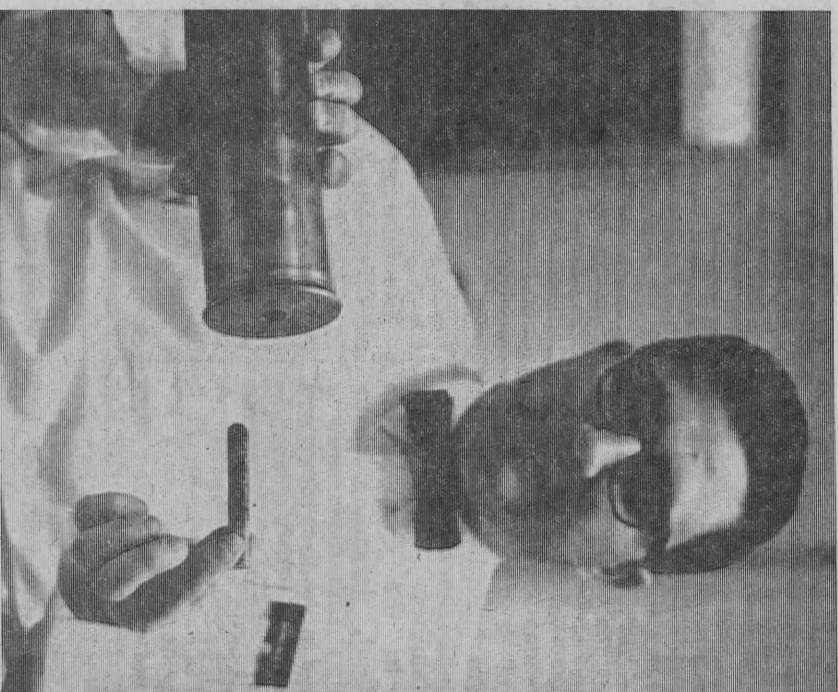


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Rock Island



WINNER OF A \$190 suggestion award is Lee R. Gonzales of AMSWEQA, whose suggestion concerned use of primers for testing recoil mechanisms at Rock Island Arsenal's proving grounds.
—Bob Devore Photo

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LOW QUALIFIERS HOLD TO FORM IN ALL-ARSENAL OPENING ROUND

Low qualifiers and over par 71 at Saukie in defeating last year's A flight winner, Duane Magerkurth. Arsenal Golf Tournament Cant has his work cut out for himself in the second round when he faces the 1966 runner-up, Bob Martin.

In the championship flight, defending champion Tom Maas drew a bye in the first round and will face Will Veroeven in the second. Veroeven beat Jim Keefe, 1965 A flight winner, in the opener.

Former Tri-Cities amateur champion Charles Van-Ooteghem got past Sam Rice in the first round and faces Rudy Norton in his next outing. Gary Cant fired a two

Last year's C flight winner, Frank Martel, found the going too rough in the B flight bracket and lost his opening round to Mike Komodino, one of the low qualifiers.

Komodino faces Ron Harroun in the second round. Harroun won his opener over Bill Katzawal.

C flight low qualifiers kept themselves in the running with opening round victories. Al Boehme won over Truman Kittle and Vic Welk beat out George Lund.

Because of the number of entries, no first round matches were played in the D flight competition or the Women's division. All second round scores, including the latter two, must be reported before July 24.

1967 All-Arsenal Golf Tournament 2nd Round Pairings (Must be reported by July 24)

Championship	Maas - Veroeven
	Norton - Van Ooteghem
	Martin - Cant
A Flight	Adams - Novakoff
	Segler - Smelek
	Larson - McKamey
	Mack - Webster
C Flight	Cline - Hall
	Roman - Meadows
	Komodino - Harroun
	Hallors - Scherer
B Flight	Kirby - Bales
	Boehme - Benker
	Orman - Pruden
	Welk - Rettig
D Flight	Becky - Brasseur
	Jager - Bye
	Rossiter - Behrens
	Hubbart - Horn
	Huston - Moses
Women	
	Brackeveld - Bye
	Fruittiger - Tufts
	Pickrel - Bye
	Benker - Horton



WARMING UP before a game is Gene Minnis of the Apprentices.

SET MORE PICNICS

Members of the Rock Island Arsenal Veteran's Association were reminded this week that the organization's annual picnic was scheduled for July 30.

Officials said that because food had to be ordered in advance, those who expect to attend should purchase their tickets before July 21.

Cost for adult members is 50 cents, for children, 25 cents. One dollar membership in the organization is all that's necessary to become eligible to enjoy the annual affair that is expected to attract some 300 persons.

Officials also said that more than 30 members from units throughout the Island are "club collectors" and can be approached for any further information.

The annual picnic for Clock Tower employees will be held from 1 to 9 p.m., Aug. 12 on the Arsenal Picnic Grounds.

Festivities include children's games beginning at 2 p.m. Dinner will be served from 4:30 to 5:30 p.m.

The annual event is sponsored by the Civilian Welfare Council of the Rock Island District and all Corps employees and their relatives and friends are invited to attend.

Many a tombstone was carved by someone who chiseled in traffic.

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To make your arrangements call our chef and catering specialist, Mrs. Mary Lou Rolax or Wes "Big Daddy" Cooper, the Bar-B-Cue King.

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SCHARF'S

Around the Corner — Village — Plaza

THE TRADING CORNER

A free service to all employees on Arsenal Island. Ads may be mailed to the Target, AMSWE-IN, or given to a Target reporter, but will not be accepted by telephone. No business type ads. Give name and home phone number. "For sale" items must include a price. An individual may submit, for each classification, one ad of 30 words or less covering not more than three items. The deadline is 4:45 p.m. Monday of the week of publication.

FOR SALE

1966 PONTIAC—4 door sedan, power steering, air conditioning, 280 hp, new spare, 10,000 miles, 1 1/2 year warranty, \$2,600. C. Manning, 788-9028, after 5.

BADMINION SET—Spalding, shuttle-rackets, net, \$5. DESK, CHAIR, NIGHTSTAND—matching set, blonde, \$14. HATER—automatic, electric, \$5. Ralph Stock, 788-6851.

ELECTRIC GUITAR—with case, solid body, 3 pickups, sunburst, \$35. BICYCLE—light weight, \$5. KITCHEN SINK—double well, cast iron, 42", \$5. Bob Adams, 325-3185.

AIR CONDITIONER—G. E., 11,500 BTU, like new condition, \$200. HUMIDIFIER—portable, 8 gal. capacity, with 2 speed fan, \$35. GAS RANGE—apartment size, \$30. A. J. Puetz, 335-6855.

AIR CONDITIONER—G. E., large, old style, \$25. CHILD'S DESK—antique, roll top, \$25. HIGH CHAIR & CAR SEAT—Cocco high chair, \$5 for both. Mail: Ronald B. Stewart, 391-3560.

A REMINDER

Monday at 4:45 is absolute deadline for ads. Those without name, home phone number or price will not be used.

FOR SALE

MOBILE HOME—Gold Seal, Vagabond, 2 bedrooms, 54 x 10, in excellent condition, set up on lot in Rock Island, extras, \$4,200. D. Nylander, 788-3203, after 6.

1959 FORD—custom, 4 door sedan, \$150. M. L. Dickson, 335-1643.

AQUARIUMS & FISH—moving, must sell. GAS RANGE—Chambers, 3 burner and deep well, porcelain, green, grill, \$25. T. Barcia, 322-0147, after 5.

DINETTE SET—light oak drop leaf table, extends to 72", and 4 chairs, \$60. MOVIE CAMERA—8mm, complete, \$50. TABLE LAMPS—three, \$2 ea. M. R. Shiman, 324-9270.

UMBERELLA TENT—9' x 9', used one season, excellent condition, \$30. Rich and Holworth, 326-0341.

ROTARY MOWER—22" self-propelled Powermatic with Briggs and Stratton engine and leaf mulcher, excellent condition, \$29. Earl Cokenour, 782-5763.

1954 CHEVROLET—2 door, straight stick, good tires, hasn't been driven for over a year, \$45. Sam Williams, 787-4555 or 786-6726.

RACING BOAT—Hydroplane, 8 foot, \$90. PAINT—4 gal. latex, pink and turquoise, \$2 per gal. SPORT COAT—2 mens, size 36-39, like new, \$5 ea. F. Skorepa, 788-0386.

WASHING MACHINE—Kenmore, wringer type, 2 tubs, \$25. TABLE—dining room, 2 leaves, seats 10, good condition, \$10. END TABLES—two, mahogany, \$6 ea. Miss Zimmer, 323-9833.

1962 FORD GALAXIE—500, 4 door, V8, power brakes, power steering, good condition, \$85. Gail Livermore, 786-8807, after 6.

PENN VAN—14 ft. with trailer and 18 hp Johnson motor, \$200. Robert Dun- can, 799-3712.

1966 PLYMOUTH VIP—bronze with black vinyl top, 2 door hardtop, radio, white walls, power steering and brakes, \$2,295. T. A. Spurrier, 326-5201, after 5.

1955 FORD PICKUP—1/2 ton, good condition, \$175. S. E. Rodgers, 764-5559.

RIVER HOME—unfinished, 4 room, 2 car garage, utilities all in, leased car garage, with 10 year lease available, \$4,800. H. Miller, 322-7640, evenings.

1962 CHEVY IMPALA—V-8 stick with overdrive, 4-door, radio, good tires, good mileage, excellent condition, \$795. Lt. Col. S. F. Bum, 755-8272.

CAMERA and PROJECTOR—regular Bmm zoom lens, deluxe editor, film, nearly new, \$85. Mr. Sobotta, 391-2442.

INFANT SEAT—\$1. Infant car seat, \$1. Set of luster craft stainless steel, \$95. V. Miller, 335-8728.

1962 RAMBLER AMERICAN—recently overhauled, \$400. SHOTGUN—12 gauge, J. C. Higgins (H) Standard automatic, ventilated rib and compensator, \$75. CAMPING TENT—9x11, \$35. Howard Nelson, 335-3368.

1961 FALCON—station wagon, automatic transmission, \$230. R. L. Chapman, 782-3801.

BOAT—13' fiberglass, 5 hp motor, trailer with tilt device, painted for duck hunting, complete outfit, \$250. Art Romer, 323-4173.

SEWING MACHINE—Kenmore, portable, 218-229, 12 cans, 5 yds. good condition, \$50. DINETTE TABLE, walnut, 2 chairs, \$20. H. Shearer, 764-8523, after 8.

MIMEOGRAPH MACHINE—Hico, automatic, used very little, \$50. Freda Cal- laway, 755-4465.

PUPS—hunting, registered English Set- ters and Labradors, \$65. D. H. Phillips, 788-4457, after 6.

CAMPER—Wards, sleeps 4-6, \$200. D. Peterson, 786-8727.

1963 BONNEVILLE—convertible, white and red, new top, leather interior, Atlas Plycrons, plus extras, sharp, \$1,500. E. Loy, 788-8074, before 2 or after 5.

MOVIE CAMERA—8mm, telephoto, wide angle, and regular lens, includes carrying case for camera and film, \$30. A. H. Gustafson, 764-4668.

END TABLES—2, blond, formica tops, \$5 each. CHAIR—brown wing-back, comfortable, suitable for a cottage, \$5. M. Williams, 323-3910.

ROLLER SKATES—mens', black shoe-type size 9, \$9. BOY SCOUT SHIRT AND SHORTS—short sleeve, like new, size 16, \$4.50. B. Josi, 391-5805.

OUTBOARD MOTOR—10 hp, Johnson, like new, \$200. GOLF CLUBS—mens', left-hand, starter set, used once, \$12. C. M. Schnovalter, 762-9588.

1964 FORD GALAXIE 500—4dr, hard- top, power brakes and steering, \$1,500. Dan Dunn, 786-2553.

FOR SALE

AIR CONDITIONER—Frigidaire, 6000 BTU, has outside winter cover, like new, \$105. Harry Pelton, 335-3210.

DISHWASHER—RCA, Whirlpool, im- peller, excellent condition, used 3 mos., \$85. Truman Kittle, 944-4971.

OLDER HOME—four bedrooms, com- pletely remodeled, new kitchen, new bathroom, new 220 wiring, carpeting, walk-in closets, ideal residential and school area on hill in Rock Island, \$20,000. COLOR TV—Zenith, \$275. WASHER and DRYER—new, \$300. Ver- na Wilson, 788-0712.

AIR CONDITIONER—220 V window type, 11,700 BTU, \$110. Lonnie Conger, 322-2355 or 323-4987 after 6.

2 HORSE TRAILER—open top, tandem wheels and hydraulic brakes, \$150. 1968 FORD—3/4 ton pick-up, 4 speed trans., \$400, or will trade for camping trailer. TWIN BEDS—\$30. Beatrice Wynne, Viola, Ill., 596-2680.

VENETIAN BLINDS—white, 26 1/2" and 27 1/2" widths, \$15 for 16 blinds. TRAC- TOR TIRE—suitable for 16 inch, 30 inch decoration, \$3. ALUMINUM BIRD- HOUSE—12 unit, telescopic pole, cov- ers, excellent condition, \$20. Ronald H. Schriener, 326-0820.

1960 CHEVROLET—4 dr., sport sedan, 6 cyl., excellent condition, radio, heat- ing, power-slides, economical, dependable, 324-0804, eve. and Sunday.

HOUSE—3 bedroom ranch, 22' living room with bookshelves, china cabinet and carpeting, full basement and at- tached garage, \$15,500. Ralph Webster, 1505 E. 29th St., Davenport, 323-7576.

FAN—floor or window, 24 inch, \$10. ELECTRIC STOVE—hotpoint, deep well, 36" x 24" x 11 m e r, \$30. CLOTHES DRYER—bottled gas, easily converted to city gas, \$75. L. Guntser, 762-5465 after 4, or 786-8282 anytime.

STOVE—apartment size, gas, good con- dition, \$15. J. Wilson, 786-2386.

1952 BUICK—a straight 8, HT coupe, good snow tires, complete, new exhaust system, good work, fishing car in A-1 mechanical condition, \$80. F. E. Seeburger, 799-3461.

BOAT LADDER—35' WATER SKIS—Northland, 18, SKI BELT—\$2. Richard Holzworth, 318-0441.

LOT—65' by 130', on Center Hill Lake in Central Tennessee, good fishing. \$285. Sheila B. Allison, 788-2489.

BATTERY—6 volt, new, cost \$14, will sell for \$6. W. amende, 391-4630.

BABY CLOTHES—sizes 0-18 months, plus numerous other baby items, all for \$10. R. Wenn, 335-8958.

1954 PONTIAC—straight 8, auto. trans., \$100. R. Van Aistine, 324-9844.

1963 MERCURY COMET—2-door sedan, red with white top, auto. trans., air conditioning, radio, white-walls, very clean, \$995. Jean Robertson, 322-3240.

DINING TABLE—6 CHAIRS—solid birch, natural finish, padded chair seats, table 36" x 44", extends to 36" x 75", excellent condition, \$35. L. G. Fraser, 335-2405.

APRICOT MINIATURE POODLE—AKC registered, 5 mo., \$100. Marion Ray- mond, 755-6135.

ASSORTED AUTO PARTS—new and used for a variety of makes, ignition parts, carb kits, engine gaskets, brake parts, carburetors, fuel pumps, and many other items, \$65. George Nyquist, 787-2948.

OFFICERS UNIFORMS—tropical wor- steds, size 32W, Greens, sizes 32W and 38W, jacket, size 44, \$20. Bishop, 391-4042.

FURNISHED APARTMENT—3 rooms and bath, newly decorated, in West Davenport, heat and water furnished adults only, \$100 a month, available immediately. E. Springmeier, 355-7467.

HOME—3 bedroom Cape Cod, carpeted living room, full basement finished, aluminum siding and windows, 1 1/2 car garage, fenced lot 75 x 210, 3 blocks from school, Northwest Davenport, large shade trees, \$18,500. M. Howard, 326-1815.

RAILROAD TIES—5 and 10 feet long, you haul from south of Bldg. 208, make reasonable offer. Milt Anderson, SWERLISB, ext. 5923.

1962 LESABRE BUICK—automatic transmission, power brakes, power steering, factory air conditioning, \$950. H. L. Williams, 324-2019.

RINK ROLLER SKATES—ladies', white, size 8, toe stops, pompons, and skate case, \$10. Mary Corlett, 391-2546.

1960 JEEP—station wagon, 2-wheel drive, \$250. Chet Humes, 755-8557 af- ter 5.

WANTED

BABYSITTER—starting Sept. 1, 3 days a week, 3 children (2 school age, 1 pre-school), J. Draper, 755-7473.

ROOM AND BOARD—for gentleman, prefer Illinois side. C. McChinnis, 794-6051, Sta. 235.

RIDE—from 910 37th St., Moline, to Ar- senal, 7:30 to 4:30 shift. Dan McCon- aghy, 764-1358.

GOLF CLUBS—Jim Walker, 322-6707.

TRICYCLE—for child age 5. PLAY PEN. G. Dahms, 323-6968.

OUTBUILDING—suitable for pigeon coop, WASHER & DRYER. Mr. White- cotton, 322-1014.

RIDE—from 24th Street and 33rd Ave., Rock Island, to Bldg. 208, 6:45 to 3:30 shift. John Marrs, 786-9730.

TO GIVE AWAY—2 kittens 10 weeks old and mother cat—to a good home. R. Wise, 764-1627.

TO GIVE AWAY—fireplace wood, oak, help yourself. D. Bledsoe, 786-1353.

LISTINGS—of rooms or furnished apartments for supply management in- tern students in training for one year. R. Rath, Ext. 6388.

FURNITURE—wicker or rattan, sofa, two chairs in good condition. B. Josi, 391-5805.

WANTED

RIDE—from 1212 24th Ave., Rock Is- land, to W-1 Bldg., 7 to 3:30 shift. July Huston, 788-5429.

RIDE—from Cherry Street, Port Byron, to Bldg. 350, 7 to 3:45 shift. LeeEthe Hedeen, 523-2655.

APARTMENT—unfurnished, 3 or 4 room, 324-4138, after 5:30.

AIR CONDITIONER—7000-9000 BTU, must be in good condition and quiet. J. C. Brandt, 322-3240.

OLDER HOME—3 bedroom, with large lot, moderately priced and on Illinois side. D. Peterson, 786-8727.

ACCORDION—must be reasonable. Nora Maloney, 788-0769.

FOR RENT

APARTMENT—3615 3rd St., E. Mol- ly, deluxe 3-bedroom, 1 1/2 baths, large liv- ing room, carpeting, central air condi- tioning, stove and refrigerator fur- nished, garbage disposal, 2-car base- ment garage, private entrances, \$165 per month. L. A. Shell, 755-7059, eve- nings.

APARTMENT—2 rooms and bath, new- ly decorated, heat, water, stove, refrig- erator furnished, handy to downtown Davenport, prefer adults, \$70 per month. W. K. Gannett, 323-2427.

TRADE

STAMPS—trade King Korn Stamps for S&H stamps. R. Wenn, 335-8958.

Help Wanted Female

GIRLS—interested in forming a girls' basketball team, player, manager, coach, referee, or waler girl. Contact Katherine Duke, 786-4630, or Darla Rod- den, 786-4630. We teach or train.

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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50

Hits, Misses Aplenty in RIA Softball League Play

MSC-12, MU-0

Pitching for the first time in three years, Management Science's Harley Benson struck out 15 batters and allowed only one hit June 28, as his team cruised to a 12-0 victory over Machining Unit.

The Rock Island Arsenal Softball League game saw a scrapping Machining Unit completely at a loss to handle Benson's "speed, stuff and control."

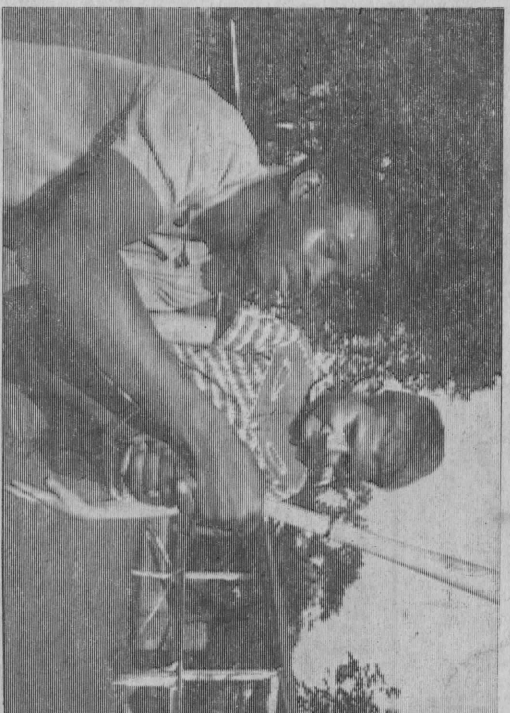
For the winners, Dan Lingafelter batted four-for-four and Paul Heinze batted three-for-three.

AOD-7, MIL-6

AOD of the RIA Softball League backed its pitcher, Len Ericson, with base hits in all but one inning of an extra-inning affair June 29, and outlasted the Military team, 7-6.

The see-saw contest saw Military score first, AOD take over the lead, 3-1, in the third, and Military go back into the lead, 4-3, in the fourth inning.

Again the teams switched leads through the fifth and sixth innings, with AOD eventually tying up the game, 6-6, at the end of the



ADMIRING THE BATTING grip of Bldg. 299's George Bestler is the softball manager's son, Chuck Nichol, before an RIA Softball League game this week.

regulation seven-inning affair.

Finally, in the bottom of the eighth, two singles and a Military error loaded the bases for AOD and Tom Richmond singled through the pitcher's box to score AOD catcher Larry Rains from third with the winning run.

MSC-3, CT-0

Harley Benson hurtled his second consecutive shut out for Management Science July 10 with a 3-0 victory over Clock Tower in an RIA Softball League game.

Benson allowed only three hits while striking out nine men in the seven-inning contest. His opponent, Dick Gosney, struck out four and gave up five hits.

The game was iced in the first inning when Harold Defrieze's bases-loaded double into the right field corner scored two runs. Dick Kerker and Dan Lingafelter were the hitting

SOFTBALL LEAGUE

Standings
(As of July 7)

	W	L
Management Science	1	0
Clock Tower	1	0
AOD	1	0
R&D	1	0
Bldg. 299	0	0
Military	0	1
Apprentices	0	1
Machining Unit	0	1

SCHEDULE

July 17	R&D vs AOD
July 18	Int vs Mil
July 19	App vs MU
July 20	CT vs 299
July 24	Mil vs App
July 25	R&D vs MU
July 26	AOD vs 299
July 27	Int vs MS

After driving through water, your brakes may fail and cause an accident! To dry them out, step on the brakes and the accelerator at the same time at slow speed.

TWO MEMBERS of Duffers Anonymous, league leaders of the RIA Tuesday Golf League, discuss strategy before teeing off. On the left is Bob Hansen with Will Meadows. The other team member is Marv Schaubroeck.



TUESDAY GOLFERS SHIFT POSITIONS

Lots of shifting of team positions showed up in the Tuesday Golf League after the standings were posted as of July 6. The golfers played that Thursday because of the Fourth of July holiday on Tuesday.

With a 5 1/2-point victory over the last-place Rufflers to their credit, Duffers Anonymous jumped into the league lead with 33 points. Tied in second place are the Wildcats and Sodbusters with 31 points each.

The Wildcats, former league leaders, lost, 4-3, to the Grasshoppers, and the Sodbusters managed a 3 1/2-

3 1/2 split with the ninth-place Club Benders.

Another tie shows up for the fourth-place standing in the 10-team league — between the Snakers and Grasshoppers. Both teams have 30 points.

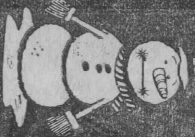
In the bottom half of the standings thus far, are the Lieers (28 1/2), Club Benders (28), Jacoburs (27 1/2), Sacs (21 1/2) and the Rufflers (19 1/2).

In the July 6 outing, Hansen scored a 54-gross and 48-net; Harroun made 58-gross and 47-net, and Venkus came in with a 55-gross, 49-net.



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U.S. Bond Report

Rock Island County residents purchased a total of \$732,375 in Series E and H United States Savings Bonds in May, according to William A. Haddick, general county chairman of the Savings Bond committee.

Illinois purchases were almost \$30 million, said the state director of the Treasury Department's Savings Bond division.

The state figure is 2.97 per cent below the total for last May and accounts for 6.6 per cent of national sales.

As of May 31 the dollar amount of U.S. Savings Bonds outstanding was \$50.7 billion.

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