

THE WINGFOOT CLAN

GOODYEAR ATOMIC CORPORATION

A Subsidiary of THE GOODYEAR TIRE & RUBBER COMPANY

VOLUME XII

PIKETON, OHIO, WEDNESDAY, FEBRUARY 24, 1965

NUMBER 5

Atomic Employees Credit Union is A Progressive Organization

CASHING PAYROLL CHECKS
RECRUITING NEW MEMBERS
ENCOURAGING THRIFT THRU SAVING
DEPOSITING SERVICE
INSURANCE ON SHARES AND LOANS
TRUTH ABOUT YOUR INTEREST RATE

USUAL SHARE ACCOUNTS WITH DIVIDEND OF 5%
NO ADD-ONS
INTEREST ON SHARE DEPOSITS
ONE PERCENT MONTHLY CHARGE ON UNPAID BALANCES
NO EXTRA CHARGES

These services are offered to the members of the Atomic Employees Credit Union.

A "full-service credit union" is an organization that best describes the progressiveness of this organization. This does not imply, however, that the credit union has reached the limit of the services it can and will offer its members.

The Atomic Employees Credit Union is made up of AEC, OVEC, and Goodyear employees. Approximately 85% of the employees are members. At present the membership totals 1,888 members of which over 900 are members of employees' families.

The AECU was started on Feb. 1, 1956. Since that time, there have been 10,907 loans totaling more than \$4,236,834. The maximum growth was reached in November, 1961, when the assets totaled \$1,015,362. As of Jan. 31, 1965, the total assets were \$821,907.90. The annual rate of interest paid on savings is 5%.

The number of business transactions handled by the staff of the credit union sometimes reaches an unbelievable figure. For example, during the month of December, 1964, the following transactions were processed: 358 checks cashed; 499 over-the-counter withdrawals; 217 over-the-counter loan payments and deposits; and 900 payroll deduction items.

The Atomic Employees Credit Union belongs to the South Central Chapter of the Ohio Credit Union League. The Chapter meets once a month to discuss mutual problems, introduce new ideas and methods, and disseminate up-to-date information.

The work associated with the credit union is performed by a manager, two office assistants, an audit committee and a credit committee.

To be assured that the manager is kept informed of new principles and practices associated with credit union management, he is sent to the

(Continued on Page 2)

Gracia Cited For Meritorious Service

Albert J. Gracia, Goodyear vice president for research, Akron, has been cited for his meritorious service with the United Community Council of Summit County (Ohio).

The award was made in Philadelphia at the closing session of the Citizens' Conference on Community Planning, sponsored by United Community Funds and Councils of America.

The award was made by William Block, publisher of the Pittsburgh (Pa.) Post Gazette and chairman of the awards committee.

Mr. Gracia was general manager of GAT from September, 1953 to January, 1956.



C. D. TABOR



F. S. VOSS

Annual Stage-Band Festival Will Be Held At P.H.S. Feb. 27

Final arrangements have been made for the Third Annual Stage-Band Festival which will be held at Portsmouth High School on Sat., Feb. 27, 1965.

This all day affair will feature 20 Junior and Senior High School groups from the surrounding communities. Some of the schools which will be represented are: Clay Twp., Jackson, Waverly, Ashland, two schools from Cincinnati, one from Columbus, and four from the host city.

A stage-band is a 15-20 piece group of selected high school musicians whose musical forte is jazz-with-the-big-band-sound. Each closely-knit unit is normally instrumented with four trumpets, four trombones, five saxophones, piano, bass, and drums. The performance of selected jazz-idiom numbers are inherently reminiscent of a musical era in which most of us grew up; i.e., the Miller-Dorsey-Goodman hey-day of the late 30's and 40's.

Primarily educational in concept, while richly rewarding to the eye and ear, the festival is open to the public and admission is free. The day's activities will include sectional clinics or "seminars," lectures and demonstrations. An "All-Star" Stage Band will perform as well as the participating Stage-Band units.

The day's activities will culminate effectively with an evening Jazz Concert (7:30 - 9:30 p. m.) by Buddy Morrow and His "Night Train" Orchestra. Tickets for this concert will be available at the door

Changes In Technical Division Became Effective On Feb. 16

Dr. C. R. Milone, manager, technical division, has announced the promotions of four men. The following changes have taken place:

C. D. Tabor, superintendent of works laboratory, has been appointed to the newly created position of assistant manager of the technical division.

F. S. Voss, supervisor, chemical analysis, has replaced Tabor as superintendent of the works laboratory.

C. F. Trivisonno, project leader, chemical analysis, has been appointed supervisor, chemical analysis, department 552.

O. A. Vita, staff technical man, has assumed responsibility for the uranium chemistry section of chemical analysis.

Tabor came to GAT on May 10, 1954, as supervisor of mass spectrometry.

He graduated from Tennessee Polytechnic Institute with a bachelor of science degree in engineering. He did graduate work at the University of Tennessee. Prior to coming to GAT, he worked for Union Carbide Nuclear Company, Oak Ridge.

In April, 1957, Tabor was promoted to superintendent, works laboratory.

Voss, a graduate of Michigan State University, came with GAT on July 27, 1953. On April 1, 1954, he was promoted to supervisor of chemical analysis.

Voss, his wife, Kay, and two children live in Waverly.

Trivisonno started his career with GAT and the price will be \$2.75 for reserved seats and \$2.00 for general admission.

If your son or daughter, or niece or nephew, is involved directly in the day's events, or if only your ears and memory are thirsting for rock 'n' roll relief, here lies the promise of a Swinging Saturday!



C. F. TRIVISONNO

O. A. VITA

GAT on Sept. 7, 1948, having graduated with B.S. and M.S. degrees from Case Institute of Technology. He started as a trainee and in December, 1948, was promoted to research chemist Jr. In May, 1952, he was promoted to research chemist and on Feb. 19, 1953, transferred to GAT as assistant laboratory department head in chemistry. In February, 1956, he was promoted to project leader.

Trivisonno, his wife, Mary, and three children, live in Portsmouth.

O. A. Vita, graduated from the University of Pittsburgh with a degree in chemistry. He was employed by GAT on June 22, 1953, as a technical staff trainee. He was made a technical man, Jr. on Sept. 7, 1953, a technical man on Jan. 1, 1961, and on April 1, 1963, was promoted to staff technical man.

Vita, his wife, Mima, and three children live in Portsmouth.



ATOMIC EMPLOYEES CREDIT UNION BOARD OF DIRECTORS. Seated, left to right, C. R. Ball, secretary; M. T. Trowbridge, president; and J. P. Wilkins, director. Standing, left to right, J. E. Hale, director; L. T. Oyler, treasurer; C. P. Work, director; F. S. Voss, vice-president; and E. B. Lowe, director.



'Round The World

Goodyear's Competitors

(Editor's Note: This column reports activities of our competitors that may directly or indirectly affect our business efforts.)

U. S. Rubber announced it has completed a \$7-million expansion of its Kralastic ABS plastics compounding facilities, started 13 months ago at Scotts Bluff, La. Production has been increased to eight million pounds yearly, the company said.

A prototype car that dramatizes the number and variety of molded parts produced for the automotive industry was unveiled by General Tire's Chemical-Plastics Division at the Society of Automotive Engineers show at Cobo Hall, Detroit.

DV Corp. has introduced tire chains which it says can be fastened around a car wheel in less than a minute. The chains clip onto rim brackets and can be easily installed or removed as road conditions vary.

A new line of automotive accessory mats has been introduced by Seiberling. The company says the mats are of "glass-like transparency", are totally resistant to spike heel jabs, and have no oily film or product odor.

A new Double Eagle premium tire, only slightly changed in appearance but incorporating advanced tread rubber compounding and improved polyester cord in the body, has been added to Goodyear's auto tire line.

M. A. Wilson, manager of tire engineering, said treadlife of the new tire is 20 per cent longer than the tire it replaces, and wet traction is improved 18 per cent through new compounding involving the stereo rubber, Tufsyn.

Like its predecessor, the new Double Eagle tire is designed for optional use with the LifeGuard Safety Spare, the inner tire which prevents blowouts. This "tire within a tire" remains inflated in case of a puncture, thus eliminating the need for roadside tire changes. Both the Double Eagle tire and the LifeGuard Safety Spare are inflated through a single two-way valve.

Over the years, one of the hog producer's most persistent problems has been the mortality rate among suckling pigs. It's high and the loss of potential profits is substantial.

To help cut these losses many farmers use a variety of methods to help provide the necessary warmth to the pigs. But most of these methods have been makeshift — like the heat lamp suspended over the farrowing pen — and none has been entirely satisfactory. Often the cost of providing the artificial heat is prohibitive.

Now, Goodyear has developed an electric heater pad for the floor of the farrowing pen which it says is completely safe and inexpensive. The operating cost is said to be one-third less than a heat lamp, and, of course, there's no bulb to replace.

The 24- by 32-inch pad is made of a synthetic material that is resistant to all chemicals and fully submersible for cleaning. The heating element is imbedded in the pad. It operates on a standard 110-volt circuit so it can be plugged in anywhere.

Dividend Declared

Goodyear directors declared a regular quarterly dividend of 28¾ cents per share on the common stock, payable March 15 to stockholders of record Feb. 16.

15-Year Pin Will Be Given Wood Feb. 26

F. J. Wood, plant engineering, will receive his 15-year pin on Friday, Feb. 26, 1965.

Wood joined GT&R in Akron, Ohio, on Feb. 27, 1950. Before being transferred to GAT on Feb. 9, 1953, he was a draftsman in mechanical engineering, assigned to conveyors and transportation systems. His current duties include the formulation and preparation of engineering drawings for subcontractors' use as well as for our own shops.

He attended Case School of Applied Technology and Penn College in Cleveland, Ohio.

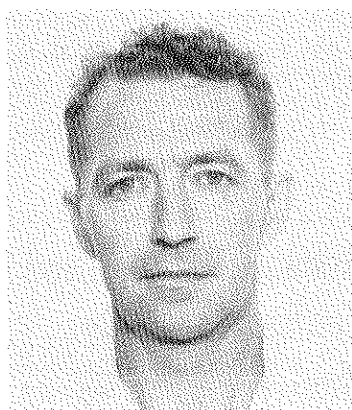
Mr. and Mrs. Wood reside at 2315 Cleveland Avenue, Portsmouth.

They have a son, Robert, and a daughter, Laura.

The Wood family are members of Central Presbyterian Church, Portsmouth, where he is a member of the Board of Trustees.



EMPLOYEES' DAUGHTERS HONORED. These girl scouts were honored last month for completing the curved bar program. They are, left to right, Shirley Blair, daughter of Alec Blair, instrument maintenance; Kathy Davis, daughter of P. I. Davis, instrumentation development; Carol Tabor, daughter of C. D. Tabor, assistant manager of the technical division; and Susan Blair, daughter of Alec Blair, instrument maintenance.



B. V. ADAMS is transferring to Goodyear International Corporation on Mar. 1, 1965. He is to be assigned to Goodyear Sumatra.

Former GAT Doctor Promoted At GT&R

Dr. C. A. Johnson, former GAT assistant medical director, has been appointed medical director of GT&R.

Dr. Johnson was employed at GAT from July, 1954 to November, 1957. He transferred to GT&R as a staff physician and on Aug. 1, 1964, was made acting medical director.

Daughters Of Employees Were Honored Last Month By Jackson Women's Club

The GAT Women's Club of Jackson honored the above group of girls for having completed the curved bar program during the past year.

A pin was awarded to the girls for completing the 10 badges and other requirements necessary for their first class badge plus four special badges in a particular field.

The girls chose the Arts as their field and completed the Minstrel, Social Dancer, Reader and Prints badges for their curved bars. They were the last group honored with this award as it is no longer available under the new girl scout program. The girls were permitted to complete the award as they had already won their first class badges and were in the middle of their curved bar program when the program change became effective.

CREDIT UNION

(Continued from Page 1)

Credit Union Institute at Ohio University each year for one week. This year he also attended the Credit Union Manager's Conference in Columbus, Ohio.

The members of the audit committee which have the responsibility of auditing the books are J. B. Fenton, accounts payable section, and C. A. Cottle, general manager's office. The credit committee, which approves or disapproves all loans, is made up of E. E. Powell and E. P. Plummer, janitorial services and W. D. Hughes, safety.

The strength of a credit union is in its service — use it.



THE OFFICERS OF LOCAL 3-689, OCAW, for the coming year are: left to right, D. L. Flynn, (D-724), guide; I. T. Parker, (D-732), sgt.-at-arms; P. E. Cravens, (D-731), recording secretary; Michael Migyanko, (D-711), secretary-treasurer; J. F. Wettstein, (D-711), president; J. R. Dia-

mond, (D-810), vice-president; J. F. Bailey, Jr., (D-512), trustee; Q. R. Davis, (D-711), trustee; and C. R. Ball, (D-812), trustee.

Global Communications Will Be Established By Satellite In '66

One of the more recent and interesting developments that transpired within the past few years is the establishment of a global communications system.

This system has been developed to help satisfy the world's growing communications needs. Satellites hold the promise of unique communication capabilities not found in any other mode of communications today. They are capable of handling all types of communication needs whether telegraph, telephone, data or television. These capabilities today are not possible on a global basis. Also, the same satellite can be used for communication between all terminals from which the satellite is visible and so communications need not be limited to the two ends of a normal communications link. Satellite systems are thus, by nature, multiterminal rather than point-to-point. Whereas cable communications today are linked by cable, satellites will make high fidelity communications on a global scale a reality for the first time in history.

The first experimental-operational satellite has been referred to as Early Bird. This satellite will be able to handle telegraph, voice data, and television communications between North America and Europe. It will have a capability for 240 two-way telephone conversations simultaneously, 24 hours a day. Three European terminal stations will be used in the operational phase, with a fourth being used during the experimental phase. The three operational stations will be at Goonhilly Downs in England, Pleumeur Bodou in France, and Raisting in Germany, with an experimental station being operated at Fucino. On this side of the Atlantic, arrangements have been made with the American Telephone and Telegraph Company for the lease of its satellite ground station located at Andover, Maine, and necessary modifications to the facility to prepare it for its new role are now under way.

Command and control of the network will be exercised from a center which is being established in Washington, D. C. This center, equipped with computer facilities, will follow the launch and receive orbital data from the satellite. It will originate the necessary command to ignite the final propulsion unit and throughout the satellite life will initiate the command required for position-keeping. It will also generate data on satellite position which will be used to give the participating ground stations precise pointing information for their antennas.

At the present time designs of satellites of two other types are being made. These two types are the medium altitude random type and the medium altitude position-keeping type. When a decision is made as to which type should be used, full efforts will be placed on that system. The first satellites of the selected system will be launched by late 1966 and a full complement of satellites to provide global capability on essentially a continuous basis will be in effect by the end of 1967. An idea that was just a dream two years ago will become a reality.

To put this system into operation, it was estimated that \$200,000,000 would be needed. This amount was raised by issuing stock which was subscribed to by the general public and supplemented by money contributed by foreign partners.

The Communications Satellite Corporation, as the United States participant in the joint venture, is committed to provide 61% of the capital required for the communications satellite and the command and control facilities, and will therefore have 61% ownership. Europe has 30.5%, while Canada has 3.75%, Australia has 2.75%, and Japan 2%. Any country that so desires may have access to the satellites to communicate with the rest of the world.

It has been estimated that there will be a great need for additional communication media. This increase in communications is forecast as being great enough to need the satellites as well as the cable and the radio means of today. The rate of growth over the North Atlantic, is at present, about 20% per year. The U. S. Government predicted at Geneva last year that by 1980 two-thirds of the world's international communications traffic will be carried by satellite. The present forecast, based on international traffic figures made available last year, assumes a need for at least 100 channels in 1966 from the U. S. to Europe, rising to approximately 650 channels in 1971.

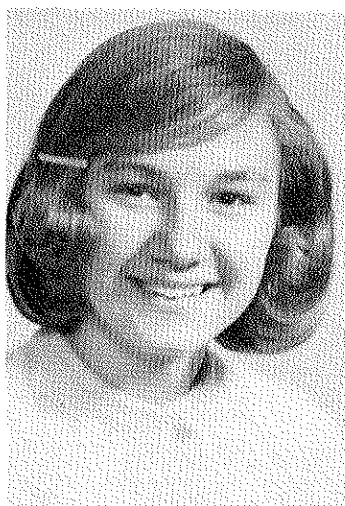


THIRD PLACE WINNER. Kathleen Pickens, daughter of F. E. Pickens, community relations, was awarded third place in the 1965 Miles B. Higgins Memorial "Ability Counts" contest. This contest was sponsored by the Ross County Committee on Employment of the Handicapped. For her essay entitled "What Is Ability," Miss Pickens was awarded a \$75.00 U. S. Savings Bond. Kathleen is a Junior at Unioto High School.

TENTH ANNIVERSARY

The following employees will complete ten years continuous service with Goodyear Atomic Corporation this month:

- | | |
|-----------------|------------------|
| E. A. Rouff | D. E. Chaney |
| J. E. Harshman | B. J. Clark |
| J. W. Carver | E. E. Ward |
| W. L. Carson | R. H. Nimitz |
| H. S. Puckett | E. L. Noel |
| D. M. Griffith | L. E. Greathouse |
| C. R. Walker | R. H. Owens |
| J. P. Spriggs | C. H. Kent |
| J. R. Armstrong | E. D. Kessinger |
| R. S. Jones | |



QUEEN ATTENDANT. Jane Ellen Bush, daughter of R. L. Bush, utilities maintenance, a sophomore at Wheelersburg High School, was basketball homecoming queen attendant last month.

In Memoriam

Mrs. Goldie Smith died Feb. 8, 1965. A son, Paul, is in the reproduction department.

THE SAFETY CORNER

We believe . . . that every man bears the unalterable responsibility for keeping out of harm's way. That he owes it to himself, his family, his fellows and his job.

. . . that no man lives or works entirely alone. He is involved with all men, touched by their accomplishments, marked by their failures. If he fails the man beside him, he fails himself, and will share the burden of that loss. The true horror of an accident is the realization that a man has failed himself — and more — that his fellows have failed him.

. . . that accidents are conceived in improper attitudes, and born in moments of action without thought. They will cease to be only when the proper attitude is strong enough to precede the act — when the right attitude creates the awareness that controls the act.

. . . that the prevention of accidents is an objective which crosses all levels of rank, organization and procedure.

. . . that freedom from harm is not a privilege but a goal to be achieved and perpetuated day by day.

. . . that the elimination of injury and pain through accidents is a moral obligation upon which the final measure of our performance directly depends.

FEBRUARY WINNERS

SLOGAN

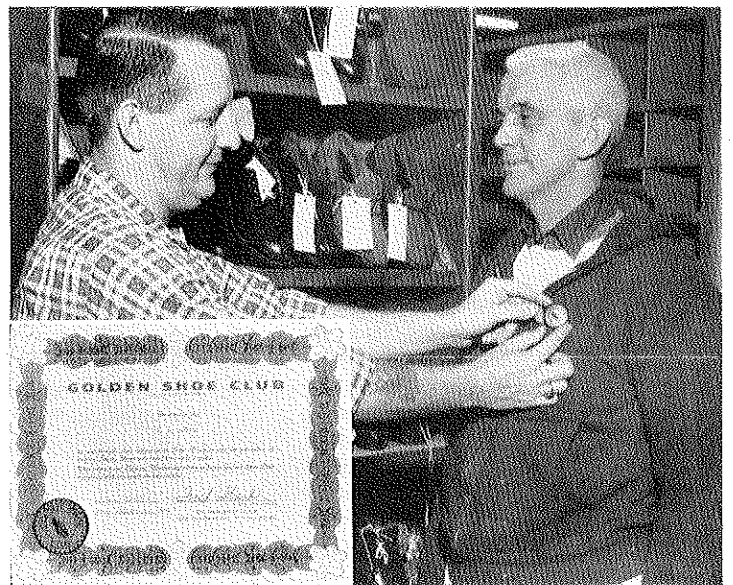
"An investment in safety pays dividends for life"

— J. G. Ewing

CAPTION

"Try safety for a switch"

— E. L. Salazar



K. L. CARTER, materials man, was presented a pin which indicates that he is a member of the Golden Shoe Club. Last month, while delivering a Dewar flask containing liquid nitrogen, the container slipped from a wood pallet and fell on Carter's toe. The edge of the flask which sliced through the leather covering to the metal toe cap did not injure the employee's toe. Robert Glass, stores warehouse, made the presentation of the pin.

Here and There in the Nuclear Field

An announcement has been made by AEC that 970 megawatts of power, starting in mid-1966 and extending into 1969, will be reduced at the three gaseous diffusion plants. The cutback of power will be as follows: 200 megawatts at Portsmouth; 565 megawatts at Paducah; and 205 megawatts at Oak Ridge.

One hundred employees at the three plants will be affected by this production cutback.

The amount of money saved annually by this reduction will total \$34 million.

A new biology laboratory to be used for cancer research has been completed by the Atomic Energy Commission's Oak Ridge Operations. The Co-Carcinogenesis Laboratory

has been turned over to Oak Ridge National Laboratory for use in a program to investigate the relationship of chemicals and radiation to production of tumors and related abnormalities. The work is being conducted by the Laboratory under joint support of the National Institutes of Health and the AEC.

Newlyweds

Miss Mona Sparks and J. L. Holcom were married Jan. 21 at Pine Creek Baptist Church in Powellsville, Ohio. The new Mrs. Holcom is in data processing. Holcom is employed by Armco Steel in Ashland, Ky.

To The Retiree

(Editor's Note: The following letter printed in the New Orleans Times-Picayune was reprinted in the Monsanto Alumni News which is published for retired Monsanto employees. It is so warm and thought-provoking that it is felt it will be of interest to many of the Clan readers.)

"A love letter to a 65-year-old husband who has just retired:
"My beloved Husband—

"I welcome you home with pride and pleasure. There may have been more pleasure in it 30 years ago, but there never would have been more pride.

"And I welcome you with a reassertion of the vow I made to you 43 years ago: I still take you for better or worse.

"My pride lies in the fact that you've made it to 65. This is a great achievement, you know. Since 1921 when you first went to work you have maneuvered your way past some formidable dangers . . . a couple of wars, cancer, heart attacks, automobile crashes, mental breakdowns, and lightning. A man who has survived the perils of these last 50 years is a hero just by still being alive.

"You have survived also the pitfalls of working for a living. There was a frightening period in the Thirties, but you got another job. And from then until now you have held a job against what, at times, must have been rugged circumstances. My life has been good because you did this. At this point I feel only pride that I had a man with the stuff in him to do it.

"Have you realized that by reaching retirement you have brought me — and us — the greatest security we ever had? Always while you were working there was a chance of layoffs, of being fired, of seeing the company go broke, of injury or illness that would make you an invalid, all of which could have stopped our income. None of these things can happen to you any more.

"Now for instructions:
"Stay out of my kitchen.

"Draw up a chart showing which half of the household chores you intend to take over.

"Start cleaning up your ashtrays and other messes you make during the daytime. I'll still take care of your evening and weekend messes.

"Prepare to give me two afternoons a week to be with my women friends.

"Have your eye-glasses checked, then subscribe to a second newspaper, because we're going to have a lot of conversation time from here on and news will help fill it.

"Tell Social Security to start sending my check in my own name. It's the first money I've had in my own right in 43 years and I want to see what it feels like.

"Set up in the bank, in your investments, or somewhere, at least \$250 in my name so I can get it in a hurry if I have any emergency to face alone.

"Read your life insurance policies and let me know what in the world they say, then go make a will . . . that is, if you want your meals on time.

"Be informed that when 'retirement letdown' hits you in about a month you will have ten days — no more — to feel sorry for yourself, after which you'll get on with your new life.

"I am glad you have come home in retirement, My Dear. As soon as we get acquainted with each other we are going to have a splendid time.

With Love and Kisses,
Your Devoted Wife."

Trip To French Lick Set For June 11-13

For the employee who wishes to spend an enjoyable weekend at a famous resort hotel, the dates of June 11-12-13 are important. These dates have been reserved for GAT personnel at the famous Sheraton Hotel in French Lick, Indiana.

The weekend fee of \$30 per person includes six meals — Friday dinner through Sunday lunch, and lodging for Friday and Saturday nights.

Two eighteen hole golf courses are available. In addition, swimming, tennis, archery, ping-pong, shuffleboard, croquet, hiking, horseshoes, dancing and movies are included with a reservation.

Why not join the fun? Call the recreation department for reservations or for additional information.

16 Day Hawaii Trip Sponsored By GT&R Available To GAT

The recreation department of GT&R is sponsoring two 16-day trips to Hawaii. The tours will leave Cleveland on Sat., July 24 and Sat., Aug. 7. The cost is \$539, plus taxes per person.

The jet departure on Saturday arrives in Hawaii the same evening. Reservations for the group will be made at the luxurious Hilton Hawaiian Village which is located on famous Waikiki Beach.

Employees, families and friends of Goodyear are welcome to join the tour. All persons interested in this trip should contact the recreation department.

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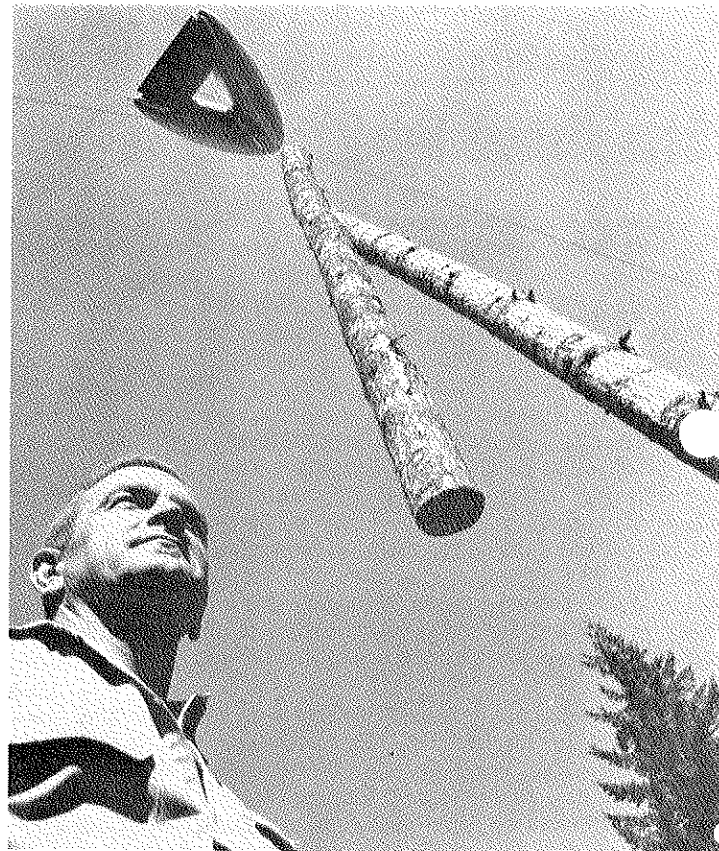
CLASSIFIEDS

FOR RENT

Modern brick, ranch type home in landscaped setting, 1½ baths, 2 bedrooms, full basement, garage, and laundry built in. 9 mi. west of Waverly. Telephone Waverly 493-5104.

'56 9-Passenger V-8 Wagon. Good tires and good condition. Telephone Portsmouth EL 3-2384.

ular. The average mile in rural areas will cost \$639,000; the average urban mile, \$3,658,000. The heaviest traffic needs lie in the urban areas; consequently, the urban portions of the system include only thirteen percent of the total mileage but will take forty-five percent of the total cost.



SKY HOOK — A giant, helium-filled Vee-Balloon acts as a "sky hook" to pull more than a ton of logs out of the mountainous terrain at Reedsport, Ore., in a demonstration of a revolutionary new method of logging. Built by Goodyear Aerospace, the 75,000-cubic-foot balloon — flying at an altitude of 550 feet — quickly moved the heavy logs over long distances, eliminating the need for building costly logging roads. Overseeing the operation is Faye Stewart, president of Flying Scotsman, Inc., Eugene, Ore., named by Goodyear Aerospace as exclusive distributor of the logging balloons in the United States.

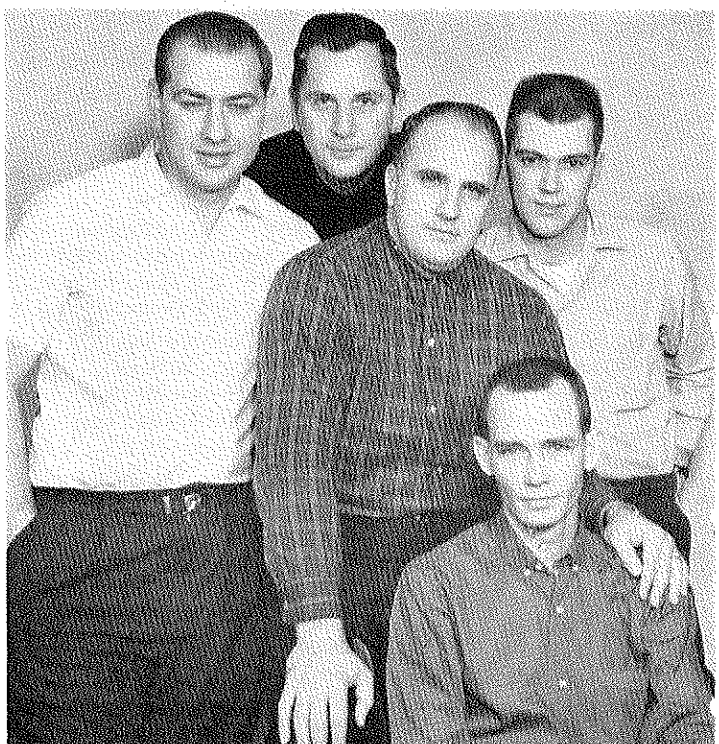
Sixteen Bowlers Qualify For Tournament

Eight women and eight men qualified for the GAT championship roll-off.

Qualifying for the women were: Helen Koons, Connie Eckhart, Joyce Seall, Nancy Wickline, Winnie Chase, Margaret McNaughton, Maxine Gillespie, and Marge Ondera.

The men bowlers are: Virgil Spires, Bernie Bowers, Dale Wickline, Bob Roe, Cliff Thomas, Guy Parks, Frank Voss, and Al Baughman.

The men will bowl at the Jolly Lanes in Jackson on Feb. 27 and the women at the 20th Century Lanes in Chillicothe on Mar. 6.



OFFICERS OF THE ARCHERY CLUB FOR 1965 are as follows: left to right, J. J. Surack, (D-532), director; R. J. Blaine, (D-812), secretary; B. R. Lindsay, (D-811), president; and R. J. Kelley, (D-514), director. Seated, W. S. Cooley, (D-514), director.

Nation On Wheels Stimulates 41,000 Mile National System Of Interstate Highways

The United States is a nation on wheels, according to a pamphlet just released by the Bureau of Public Roads, U. S. Department of Commerce. Among its 185,000,000 people, 90,000,000 drivers operate 76,000,000 automobiles, trucks, and buses on 3,500,000 miles of roads and streets, traveling 738,000,000,000 miles a year (1961). There is a vehicle for every two and a half persons; twenty-two vehicles for every mile of road; a mile of road for each square mile of land.

For this growing tide of traffic, much of it concentrated on major highways. For this coast-to-coast key routes and in cities, the federal government and the states, as partners, have undertaken history's biggest peacetime program of public works-construction of a 41,000-mile national system of interstate and defense highways. For this coast-to-coast key network, the federal government is paying nine-tenths of the cost. Completion of the system is scheduled for 1972. Everything about the job of building the interstate system is spectac-