



RAVENNA ARSENAL, INC.

NEWS

An Equal Opportunity Employer

Volume II

January 1 - 15, 1971

Number 19

Suggestion Board Disburses \$990 During December

The Suggestion Board met twice during December. Approved were the suggestions of 21 persons for a total of \$990.

Again Department 32 came in for the lion's share with 13 persons collecting \$880. The department also accounted for the largest individual awards.

Two of Department 32's awards were for \$195 each. John D. Rush and Hugh J. Abel collected that amount. Joseph J. Bica turned in a suggestion valued at \$190.

Other Department 32 awards went to R. J. Adair, \$70; Robert A. Hoff,

\$45; R.E. Bounds, \$30; J.L. Autry, \$30; Earl H. Kelly, \$25; James Mazzola, \$25; P.L. Stanford, R. R. Enders, F. J. Lauck, \$20 each, and C. R. Stanley, \$15.

In Department 10 there were three awards totaling \$35. W. F. Butler received \$15 while A.C. Brown and R. D. Brunton each merited \$10.

Two suggestions in Department 26 were worth \$10 apiece to John Cain and Carlos Harris.

Two suggestions in Department 26 were worth \$10 apiece to John Cain and Carlos Harris.

W. R. Wells, Department 09, gave a suggestion meriting \$20. In Department 58 E. L. Clay came up with a \$20 suggestion. J. C. Winters, Department 69, earned \$15 for his idea.

Suggestion Coordinator Rick Emerine reiterated his plea for employees to turn their complaints into cash-winning suggestions. "A little constructive thinking and planning can help you build an irritation into a suggestion that will eliminate your gripe and save the company time and money. Everybody benefits and, in addition, you get paid for it."

Red Cross Schedules '71 Bloodmobile Visits

"We're not setting any goals. We just want everyone to do the best they can."

With those words Glenn Williams, RAI Bloodmobile coordinator, set the stage for the first 1971 visit of the unit on Jan. 14. Subsequent visits during 1971 will be April 29, July 15 and Oct. 21.

As of Dec. 30, 103 persons had signed up to contribute blood. Mr.

Williams indicated he expected more pledge cards to be turned in. "I want to point out," he added, "anyone desiring to donate blood who has not signed a card may do so as a walk-in. In past visits of the Bloodmobile we have always had approximately 20 walk-ins. We always provide transportation for the walk-ins. During future visits employees can remember to call 492 if they have a change of heart at the last

minute."

During the four visits in 1970 there were 575 donors processed by the Red Cross Bloodmobile. Mrs. Betty Christopher serves as the liaison between the Red Cross and RAI.

The RAAP Women's Club plans to continue preparing and serving refreshments to the donors during the 1971 visits.

Space Heating Crew Orbits Arsenal

It's a small building nestled between 806 and 807 on South Service Road. In front of Building 28-18 is the sign, "Space Heating." But you will seldom find anyone in the building.

The nine employees working out of there check in and only return for lunch and to check out at the end of their shift.

Richard T. Williamson is the foreman of Department 22. He, too, spends his time traveling around the grounds deploying his men and checking equipment for which he is responsible.

They work all three shifts from 28-18 and are charged with the maintenance of all low-pressure boilers.

Mr. Williamson has spent 25 years in the heating and plumbing business. Many of those years he was in business for himself in Stark County. Much of his leisure time has also been spent in the field.

He is a past president of the Plumbing Contractors of Canton, taught plumbing at Timken High School and has served on the State Apprentice Board.

A 32nd degree Mason, Mr. Williamson is a past patron of Eastern Star and Amaranth and a past watchman shepherd in the White Shrine.

In addition he is past president of the Newton Falls Kiwanis and a vice president of United Commercial Travelers Insurance Group. He also serves as a building inspector in Newton Falls and is on the zoning administration in addition to being active in the Naval Reserves.



"You mean I have to follow his act?"

Keglers Near Halfway Mark

The Mixed Doubles and Women's leagues recessed during the holiday weeks. They are resuming their schedules this week.

The Monday Night Men's League continued their pace during the holiday season. The Alley Cats continue to lead the male keglers with a 64-16 compilation.

The second position finds LL3 and the Trims 52-28 with the Trims slightly ahead in total pins. Gear Grinders are 44-36 and LL2 is 36-44. The Snappers and Old Timers are 32-48 and No. 8 is 16-64.

Benford still leads high game and high series, 606 and 241. Hostetler is second with 604 and 233. Barker also has a 604 for high series and Williams has 232 for high game.

Social Security Deducts More

Paychecks during 1971 will be four-tenths of one percent less than during 1970.

Harold F. Klett, general accounting, calls attention to the new rates for Social Security and Medicare. As of Jan. 1, 1971, the tax rate will be increased from 4.8 to 5.2 percent on earnings.

The taxable wage base of \$7800 will remain the same.

Four Certified For Forklifts

Roman C. Syroid, training, conducted an eight-hour course on forklift training Dec. 17.

Certified as satisfactorily completing the course were four employees. In Department 80 James D. Kaster, Richard L. Adams and Edward A. DeSalvo were certified. Donald V. Kraft, Department 69, also received a certificate for the course.

Women's Club Observes Yule

Christmas was celebrated by the RAAP Women's Club on Dec. 17. A covered dish dinner and gift exchange was held at Recreation Hall with husbands of the ladies as guests.

Games concluded the festivities. Hostesses for the affair were Mrs. Peggy Cretella and Mrs. Lorrie Ulrich. They had provided Christmas decorations and a Christmas theme for the tables.

The next meeting of the Women's Club is scheduled for Jan. 11th.



G. A. Fetterolf repairs the inside of a cyclic heating unit on LL2. The unit furnishes heat for igloos and is a regular maintenance routine for the space heating crew.

Parents and Children Welcomed ... Children



Candid shots on these pages are held Dec. 13 and 20. RAI Photo both occasions to snap the cam played his role for the second c test to the fine job he performed.



Treated, Entertained, Introduced to Santa!



from the RAI Children's Christmas Parties
ographer Mervyn Danison was present on
era. Security Guard Donald H. Borowski
onsecutive year. Children's expressions at-



Vietnam Veterans View Ammo in New Perspective

They have seen the shells that are loaded here; not necessarily on the production line. No, they saw them on the front lines in Vietnam. They depended upon them for their lives. They know the importance of a quality product and what it means to the men on the front lines.

Now they are here producing the ammunition. They know where it's going and what it's expected to do. Like citizens everywhere they have different opinions of the war and its purpose.

These are some of the Vietnam veterans employed here on LL2 and in the Motor Pool.

JAMES COYLE, JR., lives in Newton Falls. He was born in Atherton, England. His folks moved here when he was six weeks old so he doesn't remember England.

But he remembers Vietnam. Mr. Coyle started work here in 1968 on LL1 where they were producing mortar shells. He didn't work there long. In the fall of the same year he was called to service and joined the Navy. Aboard an LST, he served most of last spring in Vietnam waters as a quartermaster. He returned to work here in October on LL2 in X-Ray.

"I didn't like it in Vietnam," he admits, "but it was something I had to do."

Mr. Coyle has no definite plans for the future but would like to attend art school. At Kennedy High School in Warren he received four varsity letters as a guard on the football team.

PAUL J. COLEMAN is an Akron native living in Ravenna. He went into the service before working here. He joined the Army in September of 1964 and spent nine months of his hitch in Vietnam as an E4.

In the Army Engineers Corps, Mr. Coleman was a member of a land



Pictured above are Vietnam veterans working on Load Line 2. Back row, left to right, Dave L. Parr, James Coyle, Jr., and Richard Mullett. Front row, left to right, Paul J. Coleman and Johnny Butler. Hosea Jeffries was absent. Right is Robert L. Nader of the Motor Pool. Lutrell Eaton is another Vietnam veteran on LL2. He was absent when the Vietnam feature was written and will be covered in February along with other Vietnam vets working here.



clearing team and ranged pretty well over the whole territory. His outfit was in the Iran Triangle during TET, the Vietnam New Year. At one time they were stranded and suffered much harassment from sniper fire.

"Casualties weren't too high for the action," he admitted. "We lost about 12 men. We were lucky. Without the support of those 155's we couldn't have done our job."

When asked what he thought of Vietnam, Mr. Coleman grimaced, "It was hot and nasty. I'd much rather be here. But after being there," he added, "you come to realize what the shells mean to the servicemen and you want to see quality put into the shells."

Mr. Coleman began work here last July on LL2. Married to the former Kay Rogers of Rootstown, he is father to two children. He played baseball at Central High School in Akron and would like to eventually enter the field of hotel management.

HOSEA JEFFRIES, JR., is an Akron resident and native. He, too, went into the service before working

here. He joined the Army in September of 1966. As an orderly clerk he served nine months in Vietnam.

"There wasn't too much fighting where I was," he tells. "The weather was hot and dry and there were too many mosquitoes. We were in Long Binh most of the time on heavy equipment maintenance. But shells like we make here were stored at an ammunition depot within walking distance."

Mr. Jeffries came to work here on LL2 in September of 1969. He is married and has one son. At high school he played football and earned two varsity letters in track.

"It's pretty nice here and I'm glad to be back," he concluded.

RICHARD H. MULLETT is a Ravenna native and lives in Windham. He is engaged to Anne Wanchick in Windham.

Mr. Mullett joined the Army in October of 1966 and served one year with the infantry in Vietnam. He served with two outfits and said there were quite a few casualties with the 25th Division.

"I saw a lot of the shells produced here," he admitted. "I carried a grenade launcher and saw lots of the 40mm made on LL7. It really wasn't bad there."

Mr. Mullett was wounded twice and received two Purple Hearts in addition to the Combat Infantry Badge, Army Commendation Medal, Good Conduct Ribbon and the Bronze Star.

His father operates a printing firm in Warren and Mr. Mullett expects eventually he'll wind up working there.

He began work on LL2 in October, 1968.

JOHNNY BUTLER lives in Warren and is a native of Opelika, Ala. In August of 1968 he joined the Marines and served four months in Vietnam with the 26th Corps before suffering a knee injury.

"I liked it all right there," he reported, "it's not all that bad. I saw some 175's, a lot of 155's and quite a lot of mortars. We didn't have too many casualties, but I'm glad to be back."

He started work on LL2 last July. In high school Mr. Butler played basketball and baseball. He was a letterman in baseball.

DAVE L. PARR is an Akron native and resident. He joined the Army in September, 1965. He served as a mail clerk and a mortician in the medical corps.

"Our job was search and recovery," he said, "and I saw a lot of casualties. Some of them were gruesome sights. But I think we should be there and we are doing a hell of a good job!"

Mr. Parr saw a lot of the ammunition produced here and handled much of it. "I carried an M79 grenade launcher," he added. About 30 men in his company were casualties.

In high school, Mr. Parr played baseball. He hopes to attend welding school at night. The Parrs are expecting their first child in September.

Mr. Parr began work on LL2 last August.

THOMAS O'LEAR began work at RAI in August, 1966. In 1968 he joined the Army and served one year with the 95th Evacuation Hospital Medical Supply Unit in DaNang, Vietnam.

Mr. O'lear returned to RAI and the Motor Pool last month after seven months in Washington, D.C. On vacation the last two weeks of 1970 and the first two weeks of 1971, he wasn't available for comment on his experiences.

ROBERT L. NADER returned to RAI last September after a four-year stint in the U.S. Navy. Two of his four years were spent in the Vietnam zone. He served aboard the USS Estes out of San Diego and the USS Holmes out of Guam.

Before he entered the Navy in 1966, Mr. Nader worked here in the paint shop, Department 194 and the Motor Pool. He began here in 1965. Prior to his service here he attended Ravenna High School where he played four years as tackle on the football team. He earned a varsity letter the final two years there.

In October the W12 medium truck driver married Rosemary Sherlock of Akron. He says, "I take some kidding because I served aboard the USS Holmes and married a Sherlock girl."

Mrs. Nader is a private secretary to H.H. Hooverman at The Firestone Tire & Rubber Company in Akron. Mrs. Nader's sister is married to James E. Hoover, ammunition inspector here in Department 195.

The Navy veteran played in the golf league when he was here before and hopes to rejoin in the spring. As to his future plans, Mr. Nader says, "I plan to enroll in the night sessions at Akron University in the spring or summer quarter. I want to enter the field of computers as an analyst or technician."

FIRST CLASS

RAVENNA ARSENAL, INC.
Ravenna, Ohio 44266

Mininotes

Thank You...

THOMAS, DOROTHY—I wish to thank all my friends for the expressions of sympathy, gifts and flowers extended to me during my recent stay in the hospital and during my convalescence at home.

CHILDERS, CHARLES L., wishes to thank all reporters and everyone else who facilitated the publishing of the RAI News during his tenure as editor.

Christmas Holidays

JOHNSON, H. W. Salary Personnel division manager, and wife, held a lovely holiday party in their home for the employees and spouses of Salary Personnel and Training on Dec. 11.

CHRISTOPHER, MR. AND MRS. FRANK, celebrated Christmas as guests of their son and wife in Denver, Colo. They flew from Cleveland on Dec. 24 and returned on Dec. 27. Son, John, attends the University of Colorado under the U.S. Navy's NECAP plan.



RAVENNA ARSENAL, INC.

NEWS

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Published
1st and 15th
of each month.

Brown Junior High Invades Arsenal

Eight eager students from Brown Junior High School watched the experts at work at RAI during their vocational experience opportunity on Jan. 26 and 27.

A part of Industrial Orientation Week, sponsored jointly by the Ravenna City Schools and the Chamber of Commerce, the program is designed to give the student a closer look at the world of work through actual experience in his area of vocational interest.

The ninth graders showed determination and spunk by arriving in near blizzard weather to take part in the activities.

At Headquarters they were badged and given passes to their assigned areas. Members of the Industrial Relations Division guided them to the T-Dorm to be acquainted with the Arsenal and its products by the Training Department's illustrated orientation.

Following the film, they were escorted to their assigned areas for job observation. After lunch with their department personnel they continued their vocational experience for the balance of their day.

The students studied the areas of Accounting, Nursing, Communications, and Photography.



Students from Brown Jr. High School, Ravenna, who enjoyed their vocational experience opportunity at RAI, are pictured with Commanding Officer, Major William F. Paris II, and Mr. E. Dorrance Kelly, General Manager.

Top: Major Paris, Faith Conrad, Betty Martin, Marcia Morris, Mr. Kelly.

Below: Joan Pol, Becky Mills, Sherri Whittaker, Hope Parkins, Kathy Lesh.



Sherri Whittaker examines a blood specimen after its turn in the centrifuge. Dr. F. G. Christopher, RAI physician, stands ready for questions.



Betty Martin and Faith Conrad observe a medical specimen held by Dorothy E. Thomas, R.N. at the Arsenal medical center.



Hope Parkins aims her camera at Becky Mills and Kathy Lesh while they observe the intricacies of the accounting division.



Volume II

February 15, 1971

Number 20



Joan Pol is fascinated by the flying fingers of Senior Communications Operator, Mrs. Florence Sutton.



Mrs. Margot Rupe, Senior keypunch operator, advises Marcia Morris in correct keypunch techniques.

Safety Sentinel Alarms Personnel



The clanging of the fire alarm on Jan. 17 quickly moved all personnel in Bldg. 1038 outside to shivering safety in the wind and snow. It was a false alarm.

Firemen arrived and checked through the building. There was no fire.

According to RAI Fire Lt. Harold Hill, the wind had forced a ventilator on the roof allowing snow to enter, melt, and trip the alarm system.

The efficient orderly evacuation of the building clearly demonstrates the value of safety devices and fire drill training.

Bloodmobile Visits Again

One hundred and twenty-six pints of life-giving blood pumped quietly into sterile plastic containers at the Recreation Hall on Jan. 14, during the Bloodmobile's first visit of the year.

The donors were of many types: some who gave for the first time, some for the second or third time, and some whose donations total quarts and gallons.

"We're off to a good start," smiled RAI Bloodmobile coordinator Glenn Williams, "and we are glad to see the new faces added to those who donate regularly."

Mr. Williams is taking new pledges now for the next Bloodmobile visit. Call him at Ext. 493.

Ice, Snow Salt, Go!

From mild spring-like weather the day before, winter came back with low temperatures and a blizzard on Tuesday, January 26th, 1971. RAI personnel met the high winds, swirling snow, and icy roads with determination. A check with departmental reporters revealed most employees arrived safely.

There were some incidents. Joan Bacon, Salary Personnel, was bested by a sudden sharp gust of wind combined with the extremely icy road conditions. Her car zipped off the road and caught on a guard rail. "If it hadn't been for the guard rail," she explained, still slightly upset, "I'd have gone down into the ravine."

On the hill in front of the Employment Bldg. the slippery roadway captured a white Ford piloted by a pretty girl.

From Bldg. 1047 came two figures carrying buckets of salt. Like twin Sir Walter Raleighs, they spread a cloak of salt beneath the wheels to help the lady in distress.

Investigation revealed the two gallants to be Mr. J. C. Duer, Plant Engineer, and Mr. R. Northam, Railroad Equipment Maintenance Foreman.

Sweetheart Dinner On Club Agenda

The RAAP Women's is planning a Sweetheart Dinner for its meeting this month. Plans were formulated at the meeting held Jan. 11 at Recreation Hall.

Feature of the January meeting was a film titled, "Research, Early Diagnosis, Pre-Examination." The film was shown by the Cancer Society.

Hostesses for the meeting were Mrs. Rosemary Paris and Mrs. Nancy Putnam.



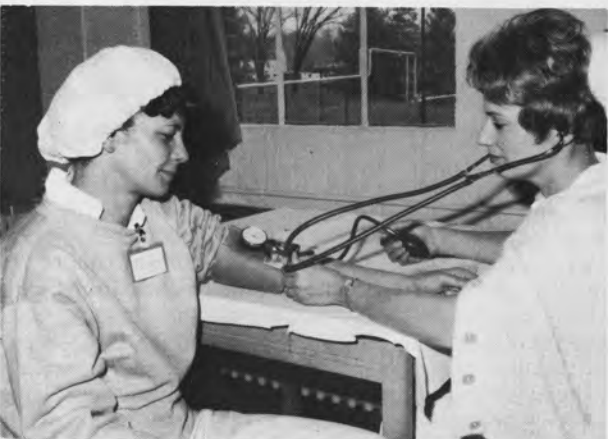
Eddie Martin of Cleveland guides four volunteers who are preparing plastic containers for blood donations. Left to right are seated Mrs. B.K. Lyckberg, Mrs. Cearol Toth, Mrs. Ann Kovach, and Mrs. Mary Mascio.



Visitor Tony Paduchik of Firestone Tire and Rubber Company, Akron, barely winces as Mrs. Bryon Jones of the Ravenna Red Cross nips his ear for a blood sample.



Volunteer nurse Mary Ellen Ensinger fills in one of the record cards as Ida Miller, Dept. 88, gives her the facts.



Pat Dinsio, Dept. 88, gets ready to donate her eleventh pint as RAI nurse Nancy Bowker checks Pat's blood pressure.

Jan. 14, 1971
Bloodmobile

A G I F T F R O M T H E H E A R T

Next Visit: April 29

Call Ext. 493
For Appointment



A snack and coffee tastes good to donors Ronald Batcho, Dept. 70; Mrs. Doris Barrett, Dept. 98 (her 4th pint); and Lemual Chandler, Dept. 70, who tried twice before to donate, but made it this time. Congratulations!



Mrs. Linda Roble assists Nurse Gooden of Cleveland Red Cross as Vickie Ruip, Dept. 98, and Joseph Serotko, Dept. 69; take it easy.



Five-pint donor John Wolford (left), Dept. 69 supervisor talks with donors Mort Hines of Coca Cola food service, and Alex Bertino Purchasing, who has given his second gallon. Mrs. Erika Miller of Ravenna Red Cross sees that they are well taken care of.



Mr. B. K. Lyckberg, Technical Mgr., and Terry Hall of Dept. 36 share experiences during the refreshment period after donating.

Praises Perfect Record Of Attendance

"I praise them for their loyalty and dedication," said Plant Engineer J.C.Duer in his citation of the following Engineering personnel for perfect attendance in 1970:

NAME	DEPT.
Floyd Coston	13
William R. Baker	32
John Bratnick	32
David J. James	32
Albert S. Pearce	32
Richard Northam	36
Harold Cooper	54
Charles Kutz	54
Harry E. Ley	54
Robert G. Pavlick	54
Lawrence L. Wolfgang	202

Duer further commented, "I am certain there were times these people did not feel up to par, yet their concern and desire to do a job well brought them in to work."



This sign is located on the microwave cooking ovens at the loadline lunchrooms.

The ovens are used to heat food items that are presented by vending machines.

All personnel who use these ovens are asked to follow the directions carefully. The ovens should not be operated empty.

If you notice the oven door does not close tightly, or screws are missing from the hinges, notify your supervisor at once.

The RAI Safety department will have regular inspections made by checklist to help keep the ovens ready for your hot meals.

Cold Affects Your Safety

Protecting yourself from extreme cold is good safety procedure.

Did you know that a man dressed for protection from 15 degree weather can become a frostbite victim? This comes about because of a combination of wind and temperature known as "wind chill". When the temperature is 15 above and the wind blows at 20 m.p.h., the effect is a temperature of nearly 17 below zero.

Equipment and materials also are affected by wind chill. Liquids in pipes may freeze quickly, for instance. And how many times have you had trouble starting your car after it sat all night in a blizzard? (A blizzard is generally considered to be a snowstorm with low temperatures and a wind of 25 m.p.h.). Wind chill can thicken oils and grease, and make it more difficult for fuels to vaporize properly.

As the effective temperature drops, a person's manual dexterity becomes affected. Hand accidents are easy to come by when a worker is thoroughly chilled.

Better efficiency can be gained by proper dress for cold weather. Several layers of lighter clothing is better than one heavier layer. The air that is trapped between layers is excellent insulation, and some method of venting is necessary to decrease perspiration which may freeze. Waterproof outer clothing also protects well.

Remember that wet hands will freeze faster than dry hands. Regular warming periods are good practice, for a man can stay in sub-freezing temperatures only so long without losing his dexterity.

Frostbite on exposed skin often warns a worker by a "tingly" sensation. If frostbite has set in, the area will be numb, and rubbing may permanently damage the frozen flesh. Never rub an area numbed by frostbite.

Once bitten, get the victim to a warm area quickly. Call a doctor, wrap the victim in blankets and warm him further with a hot drink such as coffee, soup, or tea.

WIND CHILL INDEX		TEMPERATURE RANGE (F.)															
		35	30	25	20	15	10	5	0	-5	-10	-15	-20	-25	-30	-35	-40
WIND FORCE IN MILES PER HOUR	0	35	30	25	20	15	10	5	0	-5	-10	-15	-20	-25	-30	-35	-40
	5	33	27	21	16	12	7	1	-6	-11	-15	-20	-26	-31	-35	-41	-47
	10	21	16	9	2	-2	-9	-15	-22	-27	-31	-38	-45	-52	-58	-64	-70
	15	16	11	1	-6	-11	-18	-25	-33	-40	-45	-51	-60	-65	-70	IT'S	
	20	12	3	-4	-9	-17	-24	-32	-40	-46	-52	-60	-68	-76	COLDER		
	25	7	0	-7	-15	-22	-29	-37	-45	-52	-58	-67	-75	WHEN THE			
30	5	-2	-11	-18	-26	-33	-41	-49	-56	-63	-70	WIND BLOWS IN					
35	3	-4	-13	-20	-27	-35	-43	-52	-60	-67	-72	WINTER.					

The degree of temperature is strongly influenced by the wind. Pick a number from the temperature range; read down the column to the wind velocity and you get the effective temperature that you feel on a cold, windy day.

Which Tire Suits Your Needs?

With so many different types of tires on the market today, Mr. Average Car Owner finds it difficult to decide which one is best for his motoring needs.

He is met with slightly mysterious terms such as "bias-ply", "belted-bias", "radial", and a range of prices from less than \$15 to as much as \$100.

This quick quiz will help you decide which type of tire best suits your needs. Indicate your answer by circling the numbers then add them for a point total.

A. How fast do you drive?

1. Seldom over 60
2. Frequently over 60
3. Mostly over 60

B. How often on rough roads?

1. Seldom
2. Frequently
3. Mostly

C. How often on expressways?

1. Seldom
2. Frequently
3. Mostly

D. How often with a heavy load? (Two or more adult passengers, heavy cargo, or both.)

1. Seldom
2. Frequently
3. Mostly

E. How many more miles will you drive your car? (Multiply your yearly average by the number of years you'll keep the car).

1. 10,000 or less
2. 25,000 or less
3. 40,000 or less

F. What kind of driver are you?

1. Easy
2. Average
3. Hard

Total of points _____

Quiz Evaluation:

If the points total less than nine, you can use a bias-ply lower-priced tire.

If your total is 10-13, a belted-bias or high performance bias-ply might be your choice.

If your total is 14 or over, you can consider choosing a high-performance or radial tire.

"The quiz results should serve merely as a buyer's guide," said R. C. Brown, manager of tire sales for Firestone. "The proper tire selection should be the result of a consultation with a qualified tire dealer."

This quiz is a feature of a Firestone booklet which describes the various types of tire construction, explains sizes and other terms, gives advice on maintenance which will increase tire life, and points out how tires are engineered and tested.

Copies of the booklet "Where The Rubber Meets the Road" are available without charge from the Consumer Relations Department, The Firestone Tire and Rubber Company, Akron, Ohio, 44317.

Keep Your Pressure Up

Cold air outside can cool the air inside your tires. When this happens, the tire pressure decreases, causing the condition known as a "low tire".

Tires can wear very rapidly at low pressures. This means less mileage, shorter tire life, and a strain on the family budget.

Firestone engineers suggest that you check your tire pressures regularly: winter, spring, summer, fall.

Generally:

- 20 to -10 degrees is cold.
- 15 to -25 degrees is bitter cold.
- 30 to -50 degrees is freezing cold.

Clean Sweep For Safety

John Utley, RAI Safety Coordinator, reports that three Engineering Departments had a very safe year in 1970.

"Not even one minor injury", emphasized safetyman Utley. "The men and their foremen are to be commended for their fine safety record."

The departments are: Roads and Grounds Equipment Repair Shop, Dept. 34; Water Supply, Dept. 26; and Sewage Disposal, Dept. 28.

C. L. McGee is the repair shop foreman and R. C. Stump guides the water and sewage facilities.

Leagues Roll On

The Old Timers with 24-0 and the Gear Grinders with 19-5 are in first and second position in the Monday night Men's League as of the week of Jan. 25. The Trims took third place with 14-10.

High team series place LL 3 first with 3046 pins. LL 2 with 3010 and the Alley Cats with 3002 took second and third place, respectively.

High team games show L.L. No. 3 with 1103 pins at position one. The Alley Cats are second with 1091, and LL 2 place third with 1046.

Individual honors go to B. Benford with a high series of 606 and high game of 241. Larry Hostetler and N. Barker are tied at 604 for second. A point apart for individual high game is Hostetler with 233 in second place and Glenn Williams with 232 in third position.

In the Mixed Doubles league, the Shields increased their first place lead by carding 76-36. The Whitakers, second, show 70-42. Trailing slightly are the Gwins in third place at 68-44.

Following in order are Hoback-Buterbaugh, 62-42; Barkers, 66-46; Jendrisak-Weeks, 58-46; Fraziers, 57-47; Ericksons, 56-56; Schulers, 52-52; Lyckbergs, 54-58; Grabowski-Dishong, 48-56; Bishops, 48-56; Clauses, 44-60; Conners, 40-64; Schaides, 39-73; and Harlans, 26-86.

High series for men:

N. Barker 697
T. Shields 670
E. Erickson 656

High game for men:

G. Frazier 275
N. Barker 257
B. Lyckberg 254

High series for women:

C. Dishong 628
S. Frazier 622
M. Gwin 613

High game for women:

S. Frazier 248
M. Gwin 234
I. Shields 233

Individual averages for men mark T. Shields with 177, and E. Erickson with 169. Women's individual averages show I. Shields with 137, and C. Dishong, 135.

The Tuesday Night Ladies League standings indicate the 3 T's are front runners at 8-4. The Ding-A-Lings are in second place with 7-5, followed by the Misfits in third with 5-7, and the PFC's trailing with 4-8.

High team series favor the Misfits at 1324. The Misfits also hold high team game with 490.

Individual scores show Mitzie Pitzer with high series of 505 and high game of 212.

Marketplace...

FOR SALE: Weaver K 2.5 Rifle Scope, used only 10 days over 5 years - \$15; Weaver "Pilot Mount Rings (1")", fit any standard scope \$8. Call 928-5904.

FOR SALE: Dinette table w eight chairs, Excellent condition. Best offer. Call 935-2170 after 6 p.m. or Ext. 498.

FOR SALE: 1970 Ford Maverick, automatic transmission, exterior chrome trim, white side walls, AM radio. Phone Warren 369-2689.

FOR SALE: 1966 Mustang, 6-cylinder, automatic, 2 dr. hardtop. Metallic Blue w black interior. MUST SELL. Best offer. Call Dick Yauger, Ext. 481 or 935-2743.

FOR SALE: 1970 JEEP. 4-wheel drive, radio, undercoated, trailer-hitch, over-size tires and wheels, locking front hubs. \$2900 or take over payments. Phone 898-4685.

FOR SALE: 1969 MALIBU CHEVROLET, power steering, power brakes, V-8. One owner, excellent condition, low mileage, Call Ext. 505 or 548-5010.

WANT TO BUY: Fireplace ensemble in good condition, preferably brass. Call 935-2743.

WANT TO BUY: Antique grandfather clock, working or non-working. Phone 654-3333.

FOR SALE: 1969 Opel, GT. Red, w black interior, 1.9 Liter, 102 H.P., Automatic, Radio, Heater, Low Mileage, good tires (spare is brand new), good condition. Call 296-4796.

FOR SALE: 1963 Ford Station Wagon - Country Squire - Good mechanical condition. Call 673-5387, Kent.

FOR SALE: Camera, 35mm, Bell & Howell Canonet, QL 1.9 - New, Never used. H. W. Eyre, Ext. 286.

WANT TO BUY: Older model car. Must be in running condition. Reasonable. Call Charlene Horn, Ext. 603.

Camera Club Is Planned

A preliminary meeting to form a Camera Club for Ravenna Arsenal employees was held recently.

A second meeting is planned for February 16, at 4:45 p.m. in the Recreation Hall.

Mervyn Danison, RAI photographer, invites you to bring your ideas, pictures, wives, husbands, and photo club experience to the meeting.

COR Commendations



Front row: Estella B. Pavlick, Major Paris, Frances L. Gaskill. Back row: Russell A. Brehm, Raymond L. Bard, Robert L. Hall, Daniel Shavers, Henry Dietrich. (Mr. R. L. Barton was absent when this picture was taken.)

On 15 January 1971, the Commanding Officer presented letters of commendation to the individuals pictured above because they had no absence charged to sick leave during 1970. All of these healthy people had an accumulation of 8,377 sick leave hours to their credit.

Major Paris, Commanding Officer, officially commends W. Ann Dillon,



Clerk-Stenographer, Operations Review Division, for her outstanding performance. A cash award of \$150.00 accompanied the outstanding performance award.



On 15 January 1971, the Commanding Officer commended Eleanore B. Seidel, Management Technician in the Administrative Office, for her "active participation in the self-development correspondence courses offered by the Department of the Army."

Miss Seidel received 165 credit hours. Of these, she earned a rating of Superior in five course and Excellent in eight courses taken.

Miss Seidel has worked for the government staff since February 1969.

Wasted Time Costs Money

Would you believe a little bit of time wasted by employees adds up? Check yourself by this guide:

HOURLY RATE	3.63	3.97	4.45
COST OF 5 MINUTES	.30	.33	.37

Time wasted at these rates over the span of a year results in the amount of money wasted as shown.

	78.00	85.80	96.20
1 Employee	390.00	429.00	463.00
5 Employees	780.00	858.00	926.00
10 Employees	1,950.00	2,145.00	2,315.00
25 Employees	3,900.00	4,290.00	4,630.00
50 Employees	39,000.00	42,900.00	46,300.00
2000 Employees	156,000.00	171,600.00	185,200.00



RAVENNA ARSENAL, INC.

NEWS

Published 15th of each month.

E. DORRANCE KELLY, General Manager

MAJOR WILLIAM F. PARIS II, Commanding Officer

Editor, Roman C. Syroid, Ext. 235

Photographer, MERVYN DANISON



RAVENNA ARSENAL, INC.

NEWS

An Equal Opportunity Employer

Volume II

March 15, 1971

Number 21

RAAP Gets New Commanding Officer



Lt. Col. James N. Payne Assumes Command

LTC James N. Payne has replaced Major William F. Paris II as Commanding Officer of RAAP.

The Colonel's prior assignment was in Washington, D.C. in the office of the Deputy Chief of Staff for Logistics, Department of The Army.

LTC Payne is 41, and was born in Chicago. A graduate of Wilberforce University, Xenia, Ohio, he majored in mathematics. Later on, he took advanced work in Management at the University of New Mexico.

Entering military service in 1952, he was an Infantry platoon leader in Korea and Japan. He also served in Italy where he dealt with special weapons as the Technical Operations officer of the 69th Ordnance Company. He returned to Korea in 1966-67 and was assigned as an assistant Inspector General with the 8th Army. He attained his present rank in 1967.

Returning to the United States, he was assigned to Field Command, Defense Atomic Support Agency in Albuquerque, New Mexico.

He also held posts of Director of Nuclear Engineering, and Director of Ammunition Engineering at Picatinny Arsenal.

LTC Payne has 18 years of military service and his decorations include the Meritorious Service Medal with Oakleaf Cluster, Armed Forces Expeditionary Medal, National Defense Service Medal with Oakleaf Cluster, United Nations Service Medal, Korean Presidential Unit Citation, Korean Service Medal, and the Department of The Army General Staff Identification Badge.

The Colonel is married and his wife, Norma, and their two young daughters will join him at RAAP in June.



Major William F. Paris II Vietnam Bound

Major William F. Paris II, Commanding Officer of RAAP until March 9, 1971 is being reassigned to United States Army Vietnam (USARV).

He expects to be involved with an ammunition supply organization, and will be in Vietnam for a year's tour of duty.

Major Paris has previously served in overseas posts in Germany and Korea, as well as at various posts in the United States.

Before coming to Ravenna (RAAP), he was a research analyst with Combat Developments Command at Redstone Arsenal, Alabama.

He also has served as the Commanding Officer of a maintenance company in Korea.

Major Paris will be on leave for about 30 days, during which time he will relocate and settle his family in his parents' home in New Hampshire.

About his assignment here, Major Paris said, "I appreciated the opportunity to be at RAAP and to help with the reactivation of the facilities. I will look back with warm memories of the three general managers I have worked with: Mr. H. M. Krengel, Mr. Robert F. Kuntz, and the present general manager, Mr. E. Dorrance Kelly, and all the other employees I have worked with."

About the staff and workers, both COR and RAI members, he said, "In the past, some difficult problems had to be resolved, and due to the outstanding motivation and sense of urgency by all plant personnel, the result has been the smooth operations presently underway at the plant."

A farewell reception was held for Major and Mrs. Paris, March 5, at the Recreation Hall.

Cancer Citation Awarded to RAI



R. D. Bower, Employment and Services Manager, represented RAI management at the American Cancer Society Board of Directors meeting on January 21 in Ravenna. He accepted an award for contributions in the crusade against cancer in behalf of RAI employees.

Mr. Bower (right) is shown presenting the award to RAI General Manager E. D. Kelly.

Sound Surveys Support Safety

By O. D. Riesterer, Safety Manager

An important watchword today is the frequently heard, sometimes overworked word, "environment." Webster's dictionary says it's "something that environs" or surrounds. Those of us in Safety immediately relate this to the work environment - the conditions that surround a man on his job.

An inescapable and necessary part of any normal work environment is sound which results from our processes and activities, and the sound which is necessary to provide communications. Unwanted sound is considered noise and at this point the environment is affected adversely.

Industrial physicians and enlightened management recognize the annoying and unpleasant effects of high noise levels. Psychologists believe that loud noise affects the overall efficiency of any work group. Thus, industry has been devoting more attention to the need for reducing noise to assure workers' safety, comfort, and efficiency.

It is recognized that the reduction or elimination of industrial noise often presents complex problems requiring professional assistance for solution. In this respect RAI Medical and Safety personnel are backed up by the corporate industrial hygienist who also conducts periodic surveys of problem areas.

In recent years real impetus to the control and reduction of noise has been afforded by the provisions of the Walsh-Healy Public Contracts Act which set occupational safety standards for firms having contracts with the government.

More recently, the Occupational Safety and Health Act of 1970 came about due to increased environmental awareness. This new act, endorsed by Labor Secretary J. D. Hodgson was signed by President Nixon on December 29, 1970 and will become law 120 days from that date on April 28, 1971. All employers will be required to observe specific standards of

safety in plant operations.

Here at Ravenna Army Ammunition Plant we have had for many years a pre-employment examination handled by the Medical Department to test the hearing level of applicants prior to being hired. This provides a reference point for later comparative tests. The on-the-job sound level surveys are conducted by the Safety Department.

A more recent weapon is the use of noise level specifications in the purchase of equipment and in initial installation design. This requires that objectionable noise levels be engineered out of equipment before it is purchased and requires it to be installed in a manner to preclude noise problems. Thus noise is one of the initial considerations in the design of new equipment, new facilities, or the modernization of existing ones.

When noise level studies are made, the measurements are expressed in decibels. A decibel is not a unit of measure like a volt or a pound. It is the ratio of any sound to the lowest sound pressure level the average person can hear.

In other words, noise begins with a person's breathing which registers about 10 decibels; the rustling of leaves or a whisper measures about 20 decibels (db); and so on - up an ascending scale of decibels relative to various sounds such as a home at night with everybody asleep, nobody snoring - 40 db; low street noise (up to 50 db); private office (up to 65 db); busy street traffic or loud conversation (70 db); ice cubes in a garbage disposal unit (78 db).

At the 85 decibel level the communication failure point sets in and concentration is lessened, ability to hear ordinary conversation is affected, and fatigue and tension increases.

Above 85 decibels, noise levels collide with legislation; the present set level under the Walsh-Healy Act for exposure over an eight-hour work day being 90 db. Noise in

Heart Attack Takes H. H. Harris

Plant employees were surprised and saddened by the unexpected death of Harold H. "Jit" Harris.

Mr. Harris, General Foreman of In-Plant Transportation at RAI, was felled February 15 by a heart attack at his home in Ravenna.

Born in New Baltimore, Ohio, he spent most of his life as a resident of Ravenna. Always an active participant in outdoor sports, Jit Harris hunted, fished, camped, played golf and baseball. He took part in Ravenna Arsenal golf leagues and was well-known as one of Ravenna's outstanding semi-pro baseball players in the early 40's.

He came to Ravenna Arsenal in 1941 as a truck driver. A stint in service during W.W. II saw him return to the Arsenal in 1949 as a dispatcher. He liked the transportation business and stayed on to gain the general foremanship of Depts. 7 and 9, which includes all internal plant transportation.



Mr. Harris was a member of Grace Episcopal Church in Ravenna, and the Masonic Unity Lodge No. 12.

He leaves his wife, Mary, who is employed in Stationery Stores; a daughter Susanne of Nelsonville, Ohio; two sisters, Mrs. Helen Mansfield of Newton Falls and Mrs. Evelyn Lawrence of Hiram Rapids, Ohio; and a step-brother, Donald Harris of Avon Lake, Ohio.

Interment was in Maple Grove Cemetery in Ravenna.

this category can be a pneumatic jack hammer at approximately 94 db; a loud outboard motor at 102 db; circular saw at 116 db; machine gun blast, 130 db, or a jet plane at take-off up to 150 decibels.

Noise studies made here at the plant are conducted to determine the levels of specific operations and provide corrective action if needed. An upward change in a reading could indicate worn bearings or need for additional lubrication of equipment, or the need for muffling or mounting with rubber pads.

So if the Safety Engineer surveys your work area and holds the sound level meter near your ear, he is trying to make a realistic reading of the noise level to which you, personally, are being exposed, and to determine whether your "environment" complies with current standards.

RAI Employees Win UF Award



This plaque, awarded for outstanding citizenship by the United Fund of Portage County and its affiliated agencies, was presented recently to The Employees of Ravenna Arsenal, Inc.

It represents an outstanding achievement by the employees in the United Fund campaign. The plaque is offered only to employee groups whose average gift per employee is \$10, and whose number of employees participating in the UF campaign totals 80 percent or better.

RAI employees contributed \$23,923.29 through payroll deductions in 1970, benefitting charitable agencies in the cities of their choice.

UNITED FUND

Akron&Cuyahoga Falls	\$3,334.22
Alliance	938.03
Canton	314.81
Newton Falls	2,414.24
Niles	250.96
Kent	1,349.59
Ravenna	6,168.48
Salem	464.15
Warren	2,404.87
Youngstown	1,557.81
	\$19,197.16

NATIONAL FOUNDATION - MARCH OF DIMES

Alliance	\$112.57
Newton Falls	289.70
Niles	43.42
Ravenna	657.97
Warren	288.58
Youngstown	186.94
	\$1,579.18

MUSCULAR DYSTROPHY

Alliance	\$50.02
Newton Falls	128.75
Niles	19.31
Warren	256.52
Youngstown	83.08
	\$437.68

HEART ASSOCIATION

Alliance	\$58.32
Canton	16.72
Newton Falls	193.15
Niles	28.96
Ravenna	740.21
Youngstown	124.63
	\$1,161.99

AMERICAN CANCER SOCIETY

Alliance	75.04
Newton Falls	193.15
Niles	28.96
Ravenna	657.97
Warren	256.52
Youngstown	124.63
	\$1,336.27

AMERICAN RED CROSS

Niles	\$111.01
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25 Years of Firestone Service



John C. Duer receives a gold service award pin and a check from RAI General Manager, E. D. Kelly. Factory Manager, W. E. Montgomery (left) observes the ceremony.

On Feb. 18, 1971, RAI Plant Engineer John C. Duer completed his 25th year of service with Firestone.

His service with the Company began in the Akron Plant 1 general engineering office as a staff engineer. Highlights of his career include helping to build and operate two different plants in two South American locations: Sao Paulo and Recife in Brazil. He spent a year in London, England for the company which included a side assignment for three months in India.

Returning to this country, he was assigned to special projects for Firestone Synthetics in Akron and Orange, Texas.

His first appearance at the arsenal was in 1951 as engineering manager. In 1967, he was assigned as Plant Engineer, his present position at RAI.

Mr. Duer and his wife, Josephine, have 3 married children, 7 grandchildren, and a daughter at home with them in Silver Lake.

When You Return to Work

One of the standard procedures at Ravenna Arsenal, Inc. is a requirement to furnish proof of illness or injury following an absence. An employee who has been absent five or more working days due to injury or illness must report to the Main Dispensary and bring a note from his own doctor. This note should give a diagnosis of the sickness and specify the date that the employee may return to regular work without restrictions.

Softball and golf leagues are shaping up for the season. Glenn Williams, RAI recreation director says; "Return your invitation application now." Or call him at Ext. 493. Leagues probably will get under way about the middle of May.

Tuition Refund Forms Due Now

Have you completed and turned in your RA-635? This form deals with the RAI Tuition Refund Plan for reimbursement of money spent for courses of study at universities, colleges and high school adult education.

The spring quarter will soon begin for most universities according to Harold Strong, Training Supervisor, and he suggests that you turn in your completed form RA-635 right away.

Mr. Strong will answer your questions about the Tuition Refund Plan. Call him at Ext. 238.

CHECK ONE

Please Schedule Me To Donate Blood

Four Times

Three Times

Two Times

One Time Only

Name (Print)

Address

(No.) (Street) (City) (Zip Code)

I Start Work (Time) Finish (Time) Date of Birth (Month) (Day) (Year)

I Want To Donate Blood. Please Give Me a Definite Appointment.

1971 Scheduled Visits

January - 14

April - 29

July - 15

October - 21

1971

AMERICAN RED CROSS

Blood Donor Pledge

RAVENNA ARMY AMMUNITION PLANT

Recreation Hall

TRULY A GIFT FROM THE HEART

(Fill in last 4 lines)

Dept. #

Phone #

Clock #

Soc. Sec.

Appt. Time

Sched. Date

Phone

(Home)

(Signature of Employee)

This pledge card will soon be sent out to regular participants in the RAI Blood donor program.

The need for blood increases each year. Every individual blood donation, a small part of the millions of units used ever year, is helping someone stay alive.

Those who contribute do so for many reasons. Among them is the ever-present possibility that someday their own lives may depend on receiving blood from others.

What's it like to be a blood donor?

You register, give a blood

Wear Your Safety Glasses



A picture of your family picnicking beside your new car on a beautiful Spring day looks like this if you're blind.

Women's Club Hears Blood Program

Thirteen members of RAAP Women's Club journeyed to Ravenna Red Cross headquarters on Feb. 17 to learn about the "Steps and Procedures" necessary for a successful visit by the bloodmobile.

One of a series for Blood Program Aides, the talk and film were presented by Mrs. Ann Brower, Head Nurse of the Cleveland Regional Blood Center.

Mrs. Betty Christopher, volunteer bloodmobile chairman at the Arsenal, explained, "The Blood Program Aide course will provide better trained volunteers. The training received by the Women's Club members entitles them to receive a volunteer Red Cross pin and hat. They may also purchase uniforms if they wish."

Mrs. Christopher added that pins would be awarded in the near future in a ceremony at the R.C. headquarters in Ravenna. An extended orientation to Red Cross activities will be presented at the ceremony.

RAI Exceeds APSA Goals

RAI recently received a commendation for surpassing established Department of the Army objectives.

Addressed to General Manager E. D. Kelly, the letter from Major William F. Paris II said in part, "It gives me a great deal of pleasure to commend you and your organization on the splendid response to The FY 70 Cost Reduction Program." Our total cost reduction of \$1,387,700.00 far exceeded the A.P.S.A. goal of \$83,000.00.

C. L. Needler Retires



Charles L. "Chick" Needler, painter, put away his brush neatly on Feb. 26 for the last time. His service dates back to Feb. 6, 1943.

He has a great love for horses, and expects to spend a great deal of his time boarding and breeding horses at his farm in Southington, Ohio. Chick is well-known for the fine Arabian saddle and show horses that he raises on the 20 acres of Willow Knolls farm.

During WWII, he served in the Navy's 7th Fleet, commanded by Admiral "Bull" Halsey.

Chick is well-known for his storytelling ability and has often appeared as Master of Ceremonies at RAI retirement parties.

John Bratnick, paint shop foreman, says, "He takes a lot of pride in his work. He paints everything neatly and correctly."

Chick likes out door work and expects to occupy some of his time with golf, fishing, and gardening.

Bowlers Click Again

In The Mixed Doubles league, the top four leaders are paced by the Whitakers at 98-54. Marking 93-59 are the Shields in second place. Tied for third with 86-66 are the Gwins and Barkers

Other scores are: Grabowski-Dishong, 88-72; a trio at 82-70 including Clauses, Ericksons, and Schulers; Jendrisak-Weeks, 78-44; Hoback-Buterbaugh, 76-76; Lyckbergs, 70-82; Fraziers, 69-83; Conners, 67-85; Bishops 62-90; Schaides, 59-93; and Harlans, 46-106.

Honors for high series for w/o handicap go to: Lyckbergs, 1012; Clauses, 1008; Shields, 1007.

High game w/o honors go to Barkers, 364; and Shields and Lyckbergs with 355 each.

Team scores w. handicap:

High Series

Harlans 1313
Clauses 1302
Lyckbergs 1300

High Game

Harlans 483
Barkers 475
Lyckbergs 451
Ericksons 451

Indiv. high scores w. handicap:

Men's Series

N. Barker 697
E. Erickson 673
B. Lyckberg 672

Women's Series

J. Harlan 692
J. Clause 661
G. Barker 645

Men's High Game

G. Frazier 275
N. Barker 257
B. Lyckberg 256

Women's High Game

S. Frazier 248
P. Conner 246
J. Harlan 243

Standings of the Tuesday Night Ladies League put the Misfits first with 18-10. The Misfits also hold high team series of 1324, and high game of 490.

In second place are the 3-T's with 16-12, followed by the third place PFC's carding 11-17. The Ding-A-Lings tied for third.

Monday Night Men's League is paced by the Old Timers with 42-14. Vying for second are the Trims and LL 2, each with 38-18. Gear Grinders follow with 30-26.

High team series goes to LL 2 with 3077 pins.

Individual high team honors w/o go to Glenn Williams with 655 for 3 game series, and 290 for a single high game. B. Benford had high game of 241 and L. Hostetler, 233.

Excitement marked the evening as Glenn Williams, RAI Recreation Director, rolled a spare in his first frame then proceeded to a series of eleven strikes! The total of 290 w/o gained Williams two shoulder patches - one for eleven strikes in a row; the other for rolling 100 pins over his average.

It is the highest game score ever rolled at the Arsenal lanes. Williams has four 300 games to his credit.

Sweetheart Dinner A Winner

"The annual RAAP Women's Club Sweetheart Dinner was a great success," said member Mrs. Betty Christopher.

The group traveled to the Kent Brown Derby where the husbands were treated to dinner by their wives.

Mrs. Arthur W. Dodson, Women's Club president, and Mrs. Rosemary Paris, honorary president, shared the table of honor with their husbands.

The door prize was won by Mr. & Mrs. W. C. Buterbaugh.

Everyone admired the floral arrangement center piece made by Mrs. Gerald P. Schwalb, one of the hostesses for the event. The other hostess was Mrs. Robert M. Lichvar.

Five For Frieda

Time ticks by swiftly for Frieda Dalrymple, senior stock record clerk in Dept. 05.

A service date of Feb. 24, 1966 recently earned her a 5 year pin.

Last year, she and her husband, John, celebrated their silver anniversary.

COR Commendations



Major William F. Paris, Commanding Officer, presents certificates of commendation on Feb. 26, 1971, to:

Quality Assurance Division:

Anthony D. Proctor, Sustained Superior Performance Award with a cash award; Rebecca Jean Minton, Outstanding Performance Rating with a quality increase.

Contract Administration Division:

Patricia Helms, Outstanding Performance Rating with a cash award; Palmer Loro, Outstanding Performance Rating with a quality increase.

Credit: Its True Cost

"Look for the finance charge and the annual percentage rate." That's the advice of consumer protection specialists of the Federal Trade Commission. The FTC has a 90-man task force responsible for enforcing truth in lending.

Truth in lending requires all lenders—whether banks or other financial institutions, car dealers or furniture stores—to state the true cost of credit. All lenders must use the same language and terms: the finance charge and annual percentage rate (APR). These give the consumer an accurate basis for comparison of actual credit costs.

The FTC explains that truth in lending cannot help the consumer if he doesn't read the required disclosure statements. That's why the consumer protector specialists repeat the age-old advice: "Read the papers before you sign."

In looking at the finance charge, the specialists say, remember that the reported charge must include all additional costs over and above the cash price, if these charges are

required as a condition of the loan or financing agreement.

These charges include insurance premiums, if required by the lender. The specialists urge consumers to read carefully to make certain all charges are included because they affect not only the collar cost but the annual percentage rate.

They also remind consumers that, in cases where a mortgage is taken by the lender on real property (such as a home improvement loan), the borrower has the "right of rescission," which gives him three days to change his mind and call off the deal.

The FTC specialists also urge consumers who feel they have been "taken" by a lender to get legal assistance. Consumers can sue the lender for twice the finance charge plus legal fees if truth in lending has been violated. It is important to keep all copies of the transaction that the lender is required to give you.

Reprinted from Firestone Non-Skid

I wish to express my sincere thanks to all those who were so kind and helpful to me at the time of my husband's death. Your flowers, cards, and other expressions of sympathy are deeply appreciated.

Mary M. Harris

Marketplace . . .

FOR SALE: RCA Stereo. Console, contemporary, walnut. Must sell. Best offer. Call Ext. 498, or 935-2170 after 5 p.m.
FOR SALE: 1965 Renault. A-1 Condition. Sale or trade for van. Contact Jim, Ext. 246, or 584-2617 after 5 p.m.

WANTED: 3 people for car pool. West side Kent, near Stow. Call N. E. Collins, Ext. 638.

WANTED: .22 cal. Rifle, Lever or Automatic. Call S. McKinney, Ext. 472.



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-Editor, Roman C. Syroid, Ext. 235

-Photographer, Mervyn Danison



RAVENNA ARSENAL, INC.

NEWS

An Equal Opportunity Employer

Volume II

April 15, 1971

Number 22

Suggestion Board Approves \$600 In Awards Five Departments Share Bonanza



The RAI Suggestion Board is composed of company representatives of six divisions. They meet about once a month to examine employee suggestions.

Shown here are, left to right: Mr. P. Revezzo (Comptroller); Mr. J. P. Talkowski (Production); Mr. Pa. Griffin (Safety); Mr. T. R. Reed, board chairman (Methods and Standards); Mr. B. K. Lyckberg (Technical); Mr. J.A. Steward (engineering). Divisions represented are in parentheses.



Jack L. Autry
Dept. 32...\$45



Bill Bruner
Dept. 32...\$35 & \$20



William D. Bankhead
Dept. 69...\$35



J. D. Colley
Dept. 32...\$15.

Fifteen smiling employees of Dept. 32 took home a total of \$390 as their share of the \$600 awarded by the RAI Suggestion Board so far this year.

Robert W. McClure led the group with his \$55 idea. Jack L. Autry collected \$45, and Jack M. Strain received \$40.

Bill Bruner received two awards in the amounts of \$35 and \$20.

Fred J. Lauck and Bernley Wilson were awarded \$20 each.

Another double winner was Paul Stanford with \$20 and \$15 awards.

Eight other members of the department each received \$15. They are: E. F. Biedenbach, R. A. Bounds, J. D. Colley, R. S. Davis, J. H. Mayer, R. R. Mays, H. McLaughlin, and C. R. Stanley.

The remaining \$210 was distributed to four other departments.

The lion's share of \$75 was received by Kary D. McClain of Dept. 58.

Ideaman Dennis Masten of Dept. 50 collected an award of \$45.

William D. Bankhead had a \$35 suggestion putting him first in Dept. 69, and Paul W. Click and Richard F. Harrah, also of Dept. 69, each received a suggestion award of \$20.

Buford Jones of the powerhouse, Dept. 18, received a \$15 award.

A tip to spark suggestions is offered by the Suggestion Department: "If you have a complaint, often it can be reworded into a suggestion idea."

The RAI Plant Suggestion System can be of benefit to employees in many ways:

1. It gives opportunity for self-expression and recognition of personal ability.
2. It provides a communications channel between employees and management.
3. It can improve working conditions on the job.
4. It allows employees to participate in Company decisions on how to do a job.
5. It provides for cash awards for accepted suggestions.



Robert W. McClure
Dept. 32...\$55



Paul Stanford
Dept. 32...\$20 & \$15



J. H. Mayer
Dept. 32...\$15



Dennis Masten
Dept. 50...\$45

Blood Needed - Give A Little Apr. 29

Regular blood donors will receive their April pledge cards shortly. New donors can sign up by checking with their union representative or calling Ext. 493.

Bloodmobile coordinator Glenn Williams says, "We are expecting a good turnout and will be pleased to have new donors join us in giving from the heart."

Twenty Years Of Service

"The first employee hired was Miss Tress O'Lear, a former government employee, as Mr. Paul Borda's secretary."

Found in the Feb. 15, 1952 issue of the RAI News, this statement set the 20 year course of Miss O'Lear as Executive Secretary to General Managers of RAI. Over the years,

Miss O'Lear has served these general managers:

Mr. Paul Borda, March 16, 1951 to Dec. 1953.

Mr. H. M. Krengel, Dec. 1953 to Oct. 1969.

Mr. R. F. Kuntz, Oct. 1969 to June 31, 1970.

Mr. E. Dorrance Kelly, July 1, 1970 to the present time.



Miss Tress O'Lear, executive secretary, receives her 20 year watch and gold pin award from her boss, RAI General Manager E. Dorrance Kelly.



J. C. Duer and R. W. Binckley examine his 20 year award.

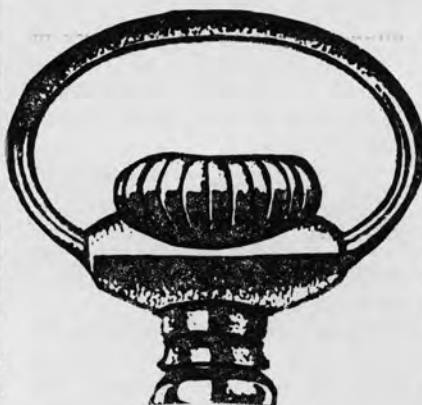
R. W. Binckley, Dept. 18 was powerhouse foreman for the U. S. Dept. of the Army when he transferred to RAI in April 1951. He has been an operating steam engineer and foreman of the powerhouse since that time. He is powerhouse foreman today.



J. N. DiMauro, Stores-Transportation Manager, presents a watch to M. S. Abeid, center. E. Erickson looks on.

M. S. Abeid, Dept. 196 counts his service from April 1, 1951, when he joined RAI as a foreman on the loadlines handling 155 mm and other ammunition.

Mr. Abeid began working for Atlas Powder Company, spent three years in service, and worked for the Department of the Army prior to his transfer to RAI in the 1951 takeover.



J. R. Baryak is congratulated by J. C. Duer.

J. R. Baryak, Dept. 32 transferred to RAI from government service in April 1951 as a millwright.

Two years later he began repairing instruments, air tools, scales, regulators, and similar equipment, as he does today. Mr. Baryak is treasurer of Local 4581.



P. P. Winkle receives his watch from J. C. Duer.

P. P. Winkle, Dept. 32 has made a career of repairing and maintaining machinery. A millwright, Mr. Winkle transferred from government service at the Arsenal to RAI in April, 1951.



J. C. Duer, Plant Engineer, awards A. P. Potopovich his watch.

A. R. Potopovich, Dept. 32 has been a carpenter, explosive operator, ammunition handler, supervisor, and foreman during his working years. In 1951, he began work on the load lines at RAI. He became a millwright in 1967, and does maintenance repair today.



Factory Manager W. E. Montgomery admires P. M. Revezzo's watch.

P. M. Revezzo, RAI Accounting Manager, was hired as a cost clerk in April, 1951. Over the years he fulfilled the offices of Jr. Accountant, Cost Accountant, Cost Dept. Supervisor, and Dept. Mgr. of Cost Accounting and Inventory Control. He attained his present position in February, 1970.



P. M. Revezzo, Acctg. Manager congratulates H. F. Klett on his award.

H. F. Klett, manager of the General Accounting and Payroll Department, started with RAI as an invoice auditor in April, 1951. He has held several supervisory positions, including Accounts Payable, General Accounting, Hourly and Salary Payroll, and Group Insurance.



J. P. Talkowski is presented with an engraved gold wristwatch by Factory Manager W. E. Montgomery. (left)

The line engineer on LL 1 guiding the renovation of 90 mm shells for the government was enthusiastic.

On March 22, J. P. Talkowski was hired by W. J. Fogarty, Industrial Relations manager, as a Time Study Engineer for RAI. He

soon became head of the Time Study department, and progressed to the position of Employment and Personnel manager.

In 1968 Mr. Talkowski became RAI Production Manager. He is still enthusiastic.

RAI Security Has Oriental Flavor



Mitzi, as she is known, was born in the Hakone mountain town of Odawara, 25 miles from Mt. Fuji and about 60 miles from Tokyo on the island of Honshu, Japan.

After graduation from High School, she attended the Tsuda English University at Tokyo for a year's study of conversational English.

Her first job carried her 700 miles from Odawara to the island of Kyushu. At the U.S. Air Force base near Fukuoka she did secretarial work and assisted as security matron at the base hospital.

Mitzi makes her own clothes and is qualified to teach dressmaking. Also talented musically, she can play piano, guitar, electric organ, and harmonica.

She has many at home activities. Cooking Japanese and Chinese dishes, painting landscapes in oils, knitting, embroidering, and caring for the 300 tulips in her flower garden keep her happy.

She is a member of the Ravenna Church of Christ.

Mitzi gained her U.S. citizenship in November, 1960, and plans to visit her family in the near future.

Her supervisor, Lt. Louis Blake of the RAI security police, says, "Mitzi is a fine security matron. She does her job conscientiously, and is pleasant to deal with."

Lights Out For Savings!

It has been said, "The gift of sight is priceless".

But the interior lighting of buildings (so you can see comfortably and clearly as you work) is not priceless. It has a definite cost.

For instance, a year's power bill at RAI costs about \$138,500 according to C. W. Kutz, staff engineer.

During an average 8 hour day, approximately 13,000 lighting fixtures in the plant are in use. A standard fixture using two 40 watt illuminating tubes costs about 1 cent to provide 8 hours of light.

The estimated cost to provide 13,000 fixtures with lighting power is near \$4000 per month!

If all the lights in the plant were turned off during lunch time alone, a savings of \$3600 per year could be realized.

If everyone turns off unnecessary lights in his work area before leaving for the day, a considerable drop in operating cost would result.

If just 10 per cent of the lights now burning were turned off, approximately \$5500 per year could be saved.

Tonight - and every night - press for savings. With your finger. Press the light switch off as you leave. Lights out for savings!

The firm, friendly manner of Plant Security Police Matron Mitsuko Pitzer is familiar to many who pass through the gates of Load Lines 7 and 3.

In the course of her duties, she checks female employees for correct identification, matches, lighters, and other unauthorized items employees must not take into operating lines.

Mrs. Pitzer has been in this country for 13 years and has more than two years of service at RAI.

Reminder: Tax Changes

A new tax law may make it necessary for some employees to increase their withholding tax, reports H. F. Klett, manager of general accounting and payroll.

Those most likely to need more withholding are individuals with income of \$10,000 or more and those who itemize deductions.

To help you estimate your 1971 tax liability, the Internal Revenue Service provides advance copies of the 1971 tax rate schedules.

These are available to RAI employees at the Industrial Relations and Employment department.

A new Income Tax regulation authorizing payroll deductions requires any employee, who has an additional dollar amount deducted each pay, to file a new W-4 Exemption form this year.

Without a new W-4 authorization, any special additional deduction amounts will be dropped May 1, 1971.

It is also wise to update the status of your Group Insurance dependents. "Notice of Change in Dependents' Status" card may be obtained from the Personnel office if required.

Golfers-Get Ready

Sharpen up your golfing eye! The golf driving range at the Recreation Hall is now available to all golfers for some pre-season indoor practice.

Lady golfers are wanted for the Tuesday Ladies Golf League which starts soon at Chestnut Hills in Ravenna.

Information and schedules for both events are available from Glenn Williams, RAI recreation director. Call him at Ext. 493.

The Ladder Up

Rollin H. Stanley has been named a general foreman on LL 3. Mr. Stanley, who became a father for the fourth time in March, started as a munitions handler in 1967. He held positions of supervisor, foreman, and line foreman before gaining his present position.

Thomas A. Corrigan, a line foreman on LL 7, has been appointed a general foreman.

Richard F. Glowacki of RAI Specifications department has been promoted to Senior Technical Writer.

RAAP Bowlerettes Place In Tourney

Tumbling a total of 2,718 pins at the WIBC Portage County - City Tournament, Ravenna Arsenal women bowlers finished in 2nd place in Division II at the event in Streetsboro.

The proud participants were: Doris Burnham (COR Insp.), Peg Conner (RAI Insp.), Doris Hyer and Pearl Armstrong (LL 10), and Mitzi Pitzer (Security), team captain.

LL 3 Exceeds Quota

The combined effort of excellent employee attitude, a minimum of absentees, and everyone cooperating to the fullest enabled LL3 to exceed the production quota for February.

Beaming, Line Superintendent D. Wayne Hamilton reported, "We are very proud. In the 20 workdays, our LL 3 people packed out 1,204 rounds over the monthly quota."

Think Safety: Hot or Cold

Your drink for lunch
Can be cold or hot,
If a vacuum container
You have bought.

Coffee and tea
And milk and soups,
Are examples you'll carry
Of refreshing drink groups.

You'll say: How Convenient!
To friend and stranger,
Yet you must be aware
Of this hidden danger:

Avoid sudden extremes of temperature such as pouring boiling hot liquids into an ice-cold vacuum bottle.

Never insert metal spoons or knives into a vacuum bottle. If you use a wide-mouth vacuum jar for soup, pour it off before eating it.

Vacuum jars have been known to shatter when a spoon cracked the glass liner, sending the fragments into the worker's face.

The National Safety Council suggests that safety in the use of vacuum jars and bottles be stressed at home and on the job.

Absenteeism

When you are not on the job, you are risking your job at Ravenna Arsenal, Inc.

Excessive absenteeism may be cause for disciplinary action which could result in discharge.

Your absence means necessary work is not being accomplished, and our costs increase... Cost of your fringe benefits continues, and our costs increase.

To remain competitive with other Arsenals, we must keep costs down. If we don't, who do you think will get the work?

PROTECT YOUR JOB. BE AT WORK. If you can't, **REMEMBER, YOU MUST REPORT OFF.** Call 358-7111, Ext. 510 before your shift starts.

Win Certificates

The following employees of RAI Technical Division recently received Certificates from the U.S. Army Missile and Munitions Center and School located at Redstone Arsenal in Alabama.

Meeting the challenge were: Mr. C. E. Hill, Technical Writer, who completed Subcourse MMS 603, Intro. to Ammunition;

Mr. W. K. Grable, Sr. Q. A. Inspector, who completed Subcourse AG 46, Fund. of Management;

Mr. D. G. McCauslin, Ammunition Inspector, who completed Subcourse ORD 614, Intro. to Calibration;

Mrs. Joann R. Erickson, Q. A. Inspector, who completed Subcourse AG 120, Prep. for Writing;

Mr. R. E. Gray, Ammunition Inspector, who completed Subcourse SIG 99, Basic Mathematics;

The courses are taken by correspondence and are completed in the student's own time.

Perfect Attendance Noted

The Quality Assurance Department of RAI Technical Division commends the following employees for their perfect attendance record in 1970:

H. McCoy, LL3 Q.A. Inspector, attained 14 months of continuous attendance.

F. Hopkins, LL2 Q.A. Inspector, and F. McCutcheon, Senior Q.A. Inspector on LL2, each achieved a perfect year's attendance.

Congratulations!

Returned Vets Eager Citizens



Timothy E. Mott and Lutrell Eaton (standing) are happy to be civilians again.

Lutrell Eaton, LL2, likes to work with his hands. Maybe it started back in his hometown of Covington, Tennessee, where he attended Frazier High School. Part of his school work in Industrial Arts included the building of 4-wheeled farm trailers, which were used to haul equipment and crops at harvest time.

After graduation, he came to visit his parents in Akron, Ohio. He liked Akron, so he went to work until November, 1968, when the military service called him.

Mr. Eaton served in the U.S. Army with overseas duty in Vietnam where he quickly ad-

vanced to squad leader, E-5. He used M-79 grenade launchers and other weapons, and saw some of the products produced here at the Arsenal in action in the field - especially 40 mm, 155 mm, and 175 mm shells.

He came to work at RAI in August, 1970. "I'm glad to be back," he said, "but it really wasn't too bad over there. It was good duty."

Mr. Eaton has his eye on the future. He intends to study at Akron Hower Vocational High School for a career as a Machinist Engineer.

Timothy E. Mott became an RAI employee in August, 1966, working on LL 1. Seven months later he entered military service. The U. S. Navy kept him well-occupied aboard a river boat in Vietnam until January, 1971.

A native of Ravenna, Tim's family moved to the west coast when he was in the 4th grade. He grew up in Covina, California.

Always considering Ravenna as his home town, he returned to Ohio after graduation, and joined the Arsenal team.

During his Navy years, he became a Petty Officer Second Class and served as a gunner's mate on a PCF (Patrol Craft Fast).

Mr. Mott worked with armament aboard the swift river craft, and saw M-79 launchers and 40 mm shells being used regularly. "I liked it in Vietnam," he recalls. "The crew of six men on the ship worked well together. We depended on each other."

He received the Navy Commendation Medal with "V", and the Combat Action Ribbon.

Now working on LL 2, Mr. Mott plans to sail the sea of matrimony in the very near future. Other plans include studying Mechanical Design Technology at a technical college of his choice.

William H. Cline of Garrettsville started at RAI in October 1968. His first assignment was with 155 mm shells on LL2 before the operation was transferred to LL3, where he is presently assigned.



William H. Cline

The line renovation of LL3 was almost completed when he was tapped for military service. The Navy welcomed him in February, 1969, and he served as a boilerman aboard the destroyer, USS Alfred A. Cunningham, in and around Vietnam waters. He received the Vietnam Service medal with Bronze Star.

A 1967 graduate of James A. Garfield High School, Mr. Cline's first job was at a florist's. His duties included routine chores in growing plants and flowers, plus taking responsibility for the boiler operation in the greenhouse heating unit.

He is happy to be back and plans to pursue his off-time interest of drag racing with stock cars very soon. He also intends working and studying for a Stationary Engineer's license.



Michael A. Kohute

Michael A. Kohute is a Warren resident and native. He joined RAI in August, 1968, starting on LL1 working with 81 mm mortar ammunition. Transferring to LL 7, he worked until he left for military service in May, 1969. His two years in the U.S. Army Military Police were spent as a missile site security guard.

Mr. Kohute has amassed an unusual variety of education beginning with IBM study at Youngstown Technological Institute, followed by a year's study of Metallurgical Engineering at the University of Youngstown. He is now attending Kent State University.

A man with a creative bent, he builds furniture in his spare time; paints pictures; and has constructed statuary from materials such as concrete and moosebone.

RAAP Ladies' Club Honors Mrs. Paris

RAAP Women's Club members presented a going away gift to Mrs. Rosemary Paris, their honorary president, at the monthly meeting on March 8.

"We will miss you," Mrs. Charlotte Dodson, club president, told her, and added that the members hoped the gift would be a pleasant reminder of her stay at the Arsenal.

The pink-and-white table decorations, cupcakes, and tea sandwiches were designed and created by Mrs. Marie Sollenberger, Mrs. Lois Griffin, and Mrs. Dorothy Thomas.

Hostesses for the evening were Mrs. Sollenberger and Mrs. Betty Christopher.

Shift Safely Into Spring

The month of April is known for weather changes, bringing spring-like temperatures and relief to those weary of winter and its hazards.

OBSERVE SAFETY RULES!

If You Drive Like A Lion...



You May Walk.... Like A Lamb!



Reprinted from Firestone Non-Skid

Perhaps the greatest hazard is the shift of human attitudes. Released from the pressure of tense, careful driving habits needed on ice and snow, drivers tend to roll down their windows and roar down the highway in wild abandon. Spring has sprung!

Traffic statistics point out that in 1968 the major causes of highway fatalities were blamed on excessive speed and reckless driving.

R&G Racks Up Safety Record

Roads and Grounds, a department whose nature of work makes it a fertile field for potential accidents, recorded a 100 per cent accident-free month for February, reports John Utley, RAI Safety Coordinator.

He emphasized that Supt. Jack Streeter's crew cut trees, plowed snow, graded roads, and operated heavy equipment of all kinds with "not even a scratch."

Marketplace...

Real estate ads are accepted on the basis that the advertiser will rent or sell the property without discrimination because of race, creed, sex, religion, or national origin.

WANT TO BUY: WHEEL. To fit '69 Rambler Ambassador. Call Ext. 238 or 235.

FOR SALE: Refrigerator, G.E., Double Door, Lg. Freezer. Good working order. \$45. Call J. C. Stoner, Ext. 502 or Warren 898-4160.

FOR SALE: Boat, 14' Fiberglass, 40 h.p. Johnson (elect.). Fully equipped \$1095. Also '65 Olds 98. Full power. A-C. Clean. \$995. J. E. Andrepont. 326-2061.

SYMPATHY...

Mrs. Betty Milo, LL 2, on the loss of her son, Ed, on Mar. 12.



RAVENNA ARSENAL, INC.

NEWS

Published 15th
of each month.

E. DORRANCE KELLY, General Manager

LT. COL. JAMES N. PAYNE, Commanding Officer

-Editor, Roman C. Syroid, Ext. 235

-Photographer, Mervyn Danison



RAVENNA ARSENAL, INC.

NEWS

An Equal Opportunity Employer

Volume II

May 15, 1971

Number 23

The General Manager's Message:

Take Stock In America:

Bond yourself to the future: Our 1971 Savings Bond Campaign is scheduled for the period May 17-26, and I am glad that I am able to tell you how dedicated I am to the success of this drive.

In my opinion, there is no better investment for the average man or woman than the purchase of savings bonds through the Payroll Savings Plan.

In savings bonds, we have investments paying substantial interest and backed by the strongest financial force in the world, the U.S. Treasury.

In the Payroll Savings Plan, RAI has a procedure that makes savings easy and systematic.

I can testify from personal

experience -- I have always subscribed to the Payroll Savings Plan -- that the speed with which your savings will accumulate will amaze you.

No higher recommendation can be offered for any form of investment than the purchase of U.S. Savings Bonds.

I encourage each of you to respond to the solicitation of your keyman by signing up for the Payroll Savings Plan or by increasing your deduction if you are already a participant.



E. D. Kelly

E. D. Kelly
General Manager

C. F. Bauman Tops Suggestion List

A partial award of \$100 was happily received by Carl F. Bauman, Dept. 13, as the RIA Suggestion Board released its April list of award-winning suggestions.

Two women joined the winning group, each receiving \$15 for her

idea. They are: Margaret McGettigan, Dept. 69, and Karen O'Donnell, Dept. 04.

Others who benefitted by putting their ideas into suggestive action are: Richard A. Hall, Dept. 80, \$40; Ray Wells, Dept. 09, \$20; and William Bruner, Dept. 32, \$15.

Policy Statement For

EQUAL EMPLOYMENT OPPORTUNITY

It is the policy of Ravenna Arsenal, Inc. to provide Equal Employment Opportunity in full compliance with the Civil Rights Act of 1964, the Age Discrimination in Employment Act of 1967 and the Presidential Executive Orders and the Regulations of the Office of Federal Contract Compliance.

The purpose of this policy is to avoid discrimination and extend equal employment opportunities to all applicants for employment and to all employees on the basis of individual merit and qualification.

In order to implement this policy, Ravenna Arsenal, Inc. has a written Affirmative Action Pro-

gram to ensure that all employees are recruited, hired, selected for training, transferred, upgraded, granted privileges of employment, laid off, demoted or discharged without regard to their race, color, religion, sex, national origin or age.

Ravenna Arsenal, Inc. personnel in all levels of management and employment are urged to cooperate fully in the fulfillment of our Affirmative Action Program in this Company's plants, offices and other facilities.

This policy is based upon moral commitments as well as legal requirements applicable to the Company and to all employees.

Ravenna Arsenal, Inc.

Sign Up For Savings May 17-26



Savings Bond Drive Chairman F. J. Koch completes a transaction with Carol Davis, of Salary payroll. The chairman's secretary, Barbara Buckner smiles

"Take Stock in America" is the theme of this year's drive to encourage RAI employees to join the Payroll Savings Plan.

Aiming for plant-wide 100 percent participation, Savings Bond Chairman F. J. Koch declared: "Let the record show that RAI employees are smart; they know a good investment when they see one; and they know that Payroll Savings is an easy, ideal way to save for their future and that of their families."

"Key-men" in each department will keep participation lively. They will contact you, explain the program, and help you enroll in a systematic payroll savings plan. RAI employees who are regular subscribers to the payroll plan will have the opportunity to increase their participation.

Here are some "future facts" about U.S. Savings Bonds:

Bonds held to maturity (five years and 10 months) now pay the holder 5½ percent interest.

A \$25 bond a month, purchased for a child on his first birthday, will amount to \$5,556 by the time he is ready to enter college.

If you buy a bond a month from now until you retire, you will have a healthy income coming in and you won't have to pay income tax on the interest until you cash them.

"That's an advantage we frequently overlook," said Program Chairman Koch. "By saving bonds and cashing them after retirement, you can save a considerable amount in taxes."

When your Key-man contacts you, be ready to take stock in America.

See Your Key-Man For Details

These division representatives were selected to explain how you may subscribe to the Payroll Savings Plan and become a Stockholder in America:

ENGINEERING:

W. G. Wurster
Robert Howell
Jack Streeter
R. A. Hart

PRODUCTION:

R. E. Benton, LL2
R. H. Stanley, LL3
T. H. Corrigan, LL3
R. L. Bungard, LL7

TECHNICAL:

W. H. Carroll

INDUSTRIAL RELATIONS:

G. J. Williams

COMPTROLLER:

P. M. Revezzo

STORES AND TRANSPORTATION:

W. E. Dean
T. L. Spahn
C. R. Hostetler
C. G. Schimmel

SALARY PERSONNEL:

H. Strong

SAFETY AND SECURITY:

J. C. Utley

METHODS AND STANDARDS:

S. V. Petrarca

Arsenal Extends Warm Hand of Welcome —

To Boy Scouts

On a rain-soaking Saturday, April 17, 1971, 88 Boy Scouts and Cub Scouts with 14 leaders from the Flintlock District planted 3,000 trees at the Ravenna Army Ammunition Plant.

The units representing the Flintlock district were: Troop 558 sponsored by the Edinburg United Church, Troop 555 sponsored by the First United Methodist Church of Ravenna, Troop 563 sponsored by Shalersville P.T.A. and Cub Pack 3556 sponsored by Rootstown P.T.A.

Mr. Harvey Kananen, the Portage County U.S. Government Conservationist and Mr. William Backler, forester for the Ravenna Army Ammunition Plant, demonstrated the proper procedure for planting.

Members of the APCO Fish and Wildlife Conservation Club drove the trucks provided by RAAP to transport the boys and leaders to and from the planting area.



Cliff Brady of Shalersville is surrounded by spruce, pine, and autumn olive seedlings.



Hands muddled by the constant drizzle, Forester Backler shows autumn olive seedlings to Scout Bill Brown of Edinburg.



W. E. Backler, RAI forester, explains to the boys the proper way to plant the seedlings. Harvey Kananen, Portage County U.S. Conservationist from Rootstown, demonstrates a planting bar.



Edinburgh scout, Don Bishop, holds up the spruce seedling he is about to plant on the arsenal grounds.

To Retarded Children

A summer camp for special children will open to all Portage County retarded children starting

July 6 at Ravenna Army Ammunition Plant.



The signing of a contract by LTC James N. Payne (left), Commanding Officer of RAAP; Mr. E. Dorrance Kelly (right), RAI General Manager; and Mr. George Joyce, COR Safety Officer and President of Portage County Council for the Retarded Child, created the opportunity.

Twelve acres of wooded land on the Arsenal grounds will include swings, nature trails, and other playground equipment to give the

youngsters outdoor camping experiences.

Anyone wishing more information may call Mr. Joyce at Ext. 565.

To Girl Scouts

Sixty Girl Scouts from Shalersville, Hiram, and Garrettsville braved a brisk, windy 30-degree day to camp overnight at the Arsenal on April 24.



Margaret Green and Peggy Morris practice first aid for campers on Joyce Conigliaro. The three scouts are from Hiram.



Portage County Girl Scout District Chairman, Mrs. Robert Green, instructs a Brownie troop from Shalersville in the arts of camping.

To Bloodmobile

"The April 29 visit of the Red Cross Bloodmobile was a great success," enthusiastically commented RAI Bloodmobile Coordinator Glenn Williams. "Over 100 pints were donated by Arsenal employees."

The RAAP Women's Club was in charge of refreshments.



Wanda Schultz, Ind. Rel., gives her first pint. Cleveland Nurse M. Novak observes.



Donna Mihokovich, AP line, calmly waits the next step.



James Hall, LL2, is checked out on blood pressure by Aide Mrs. Chas. Grant.



Mae Freeman, Ind. Rel., relaxes as Aide Mrs. R. Brigham counts heart beats.



Carol Gatchel, AP line, rests easy, Nurse Marieta McKain stands by.



Mary Ann Switz, Dept. 10, makes a point with Nurse Liz Gooden.



A group of givers get refreshed. Aides Nina Rudd and Merribe Irmiter assist.

Fatal Flowers May Grace Your Garden

Did you know that 50 per cent of all garden plant life is poisonous?

For instance, the slender climbing stems and large fragrant bloom of the Sweet Pea make it a welcome spot of beauty in any garden.

Did you know the stem contains a

poison that can cause a paralysis powerful enough to keep a victim bedridden for months?

Another popular garden plant, the Tulip, is highly desired for its eye-pleasing colorful flowers.

Did you know the tulip bulb contains enough poison to kill a man?

Here is a list of garden plants that contain poison. Those marked with a star (*) can be fatal if taken in amounts such as a young child might eat.

GARDEN PLANT	Poisonous Part Of Plant							
	Seed	Sprout	Leaf	Stem	Fruit	Bulb	Root	All
* Bittersweet					x			
* Bluebonnet	x							
* Burning Bush			x					
* Castor Bean	x							
Cyclamen							x	
* Dumb Cane								x
* Elephant Ear								x
* Four O'clock	x						x	
* Foxglove			x					
* Iris							x	
* Ivy			x					
* Jimson Weed								x
* Lily of Valley								x
* Mock Orange					x			
* Monkshood							x	
* Mountain Laurel								x
* Narcissus						x		
* Oleander			x					
Pinks	x							
* Pimpernel								x
* Potato	x	x						
* Rhododendron								x
* Scotch Broom	x							
Spider Lily						x		
Sweet Pea				x				
* Tulip						x		

The gardening time of the year is a happy time. To keep it happy, impress your youngsters with the fact that it is dangerous for them to put leaves or stems of plants into their mouths.

Teach them to avoid the common habit of chewing a bit of leaf or stem. Safety and sunshine can be combined so everyone can enjoy your flower garden all summer long.

Judo Club Jolts Members Gently



Verda Mehler, RAI telephone operator, gently flips Elmer Riebold off balance.

Judo, according to KANO club member, R. Sutton, RAI Methods and Standards engineer, means "the gentle way."

The KANO club of RAI meets at the Recreation Hall each Tuesday at 5 p.m. to practice the art.

The basic concept of judo is to use skill - not force - to throw your opponent off balance.

"It's a great way to keep in good physical shape," said Mr. Sutton. "It also teaches you how to protect yourself from an assailant."

The club has 16 members who are guided by RAI Security Police member, Elmer Riebold, who serves as instructor. New members are welcome.

Service Awards

FIVE YEAR PINS	DEPT. NO.
C. F. Bauman, Jr.	33
G. C. Johnson	88
W. J. Leek, Jr.	194
D. R. McGee	32
E. R. Rebold	51
J. A. Singleton	34
M. G. Tingler	194

REFLECTIONS

When I was a student,
I was quiet.
I didn't protest,
And didn't riot.
I wasn't unwashed,
Nor was I obscene.
I made no demands
On Prexy or Dean.
I sat in no sit-ins,
I heckled no speaker.
I broke not a window,
Few students were meeker.
I am forced to admit,
With some hesitation-
All I got out of school
Was an education.

Anonymous

reprinted from Firestone Californian

Hoods Up For Help

This signal, often seen in the parking lot of the Administration Building, means the workday's done and batteries are low.

It alerts the RAI unofficial "self-starters" like Earl "Barney" Barnett of Property Control, Jim Marzi of Cost Accounting, and several others who came charging to the rescue.



Their applied energy and jumper cable soon turn on the dormant engines.

Should your day's end find your car won't start, and you're in the administration parking area - don't blow a fuse, just keep your hood up.

How Far Did The Fly Fly?

A fly sat on the front wheel of a motorcycle.

Twenty miles away, another motorcycle was ready to roll at a given signal.

Both riders started toward each other at a constant speed of 10 miles per hour.

Immediately, the fly flew directly toward the front wheel of the second cycle at a constant speed of 15 mph. Touching it, the fly flew back to the first wheel and, repeating the maneuver, flitted back and forth between the wheels as the flying space grew less and less until the fly was caught and crushed.

How far did the fly fly?
(Answer next month in RAI News)

Lock Your Car!

Are you a security minded driver? We all should be.

When leaving your car in a shopping center, at a curb, in your driveway, or at work, LOCK IT! THE IGNITION AND THE DOORS.

Locking your car is not a guarantee that it won't be stolen, or that valuables won't be stolen from it, but it will discourage the majority of would-be thieves, pranksters, and others.

There have been recent accounts of pranksters placing water-filled balloons, garbage and other articles in someone else's car.

An unlocked car could be the target for stolen articles of persons "on the run" or something could be placed in your car with the intent of implicating you with theft.

Be a security minded driver: LOCK YOUR CAR, protect it and yourself.

RAI Safety Record Wins Award

This letter to Mr. E. D. Kelly, RAI general manager, dated April 1, 1971, from Mr. M. R. Batche, Firestone Corporate Safety, heralded the award:

"The National Safety Council announced today that the Ravenna plant is to be awarded the Council's Award of Honor for its excellent safety record.

"We know of no satisfaction that exceeds our pride in being able to commend a winner of the Council's highest award.



"Success in safety is, in itself, a great tribute to those who made it possible, and the results of your efforts have certainly earned you the respect of the many who are concerned.

"The recognition is now yours for a job well done and we wish you continued success."

Service Award



J. C. Duer, Plant Engineer, presents a 20 year pin and watch to R. C. McDaniel.

R. C. McDaniel, Foreman of OCIR Stores, Dept. 202, has been an explosives operator, security guard, millwright, and inspector of mechanical equipment during his working years at the Arsenal.

He transferred from government service to RAI on April 30, 1951. Mr. McDaniel is vice-president of The APCO Wildlife and Conservation Club.

Service Award



R. B. Walters, (left), plant protection manager beams as G. W. Holm receives his 20 yr. service watch from Safety and Security Manager, P. A. Griffin.

A shift in position from VFW club manager to member of RAI Security Force 20 years ago finds G. W. Holm still enjoying his work.

Mr. Holm started with RAI on April 12, 1951.

Service Award



Mr. Barker's fifteen years of service at RAI dates from April 25, 1956.

He attained his present position in 1968 and previously served as a firefighter at the Arsenal.

COR Commendations



LTC James N. Payne, Commanding Officer, RAAP, presents a United States Army Materiel Command Certificate of Recognition to Mr. Raymond E. Bard, Contract Administrator, for having accumulated 2000 hours sick leave as of 27 Mar. 71.



Thomas J. Benich, center, was recently promoted to Industrial Property Management Specialist. LTC James N. Payne, Commanding Officer, presents notification of promotion to Mr. Benich while Mr. Raymond E. Bard, Chief, Contract Administration Division, looks on.

Bowling Ends: Golf Starts

Tied for first place in the Mixed Doubles League as of Apr. 26 are the Whitakers and Shields with 144-80.

Barkers hold third with 130-90. Fourth place Grabowski-Dishong mark 134-98.

Following are the Ericksons, 124-100; Gwins, 122-102; Lyckbergs, 118-106; Schulers, 122-110; Hoback-Buterbaugh, 119-113; Clauses, 113-119; Fraziers, 107-125; Conners, 106-126; Jendrisak-Weeks, 106-126; Bishops, 89-143; Schaides, 79-145; and Harlans, 67-157.

The Conners set a new high game tally of 374.

Two and a half games decided the first and second place positions in the Tuesday Night Ladies League.

The winners were the PFC's who downed a grand total of 30,281 pins to gain their standing of 60½ - 39½.

Number two spot was occupied by the Misfits with 58-42.

The Ding-A-Lings took third with 39-57, and trailing were the 3-T's with 38½ - 57½.

The final high team series showed the PFC's with 1391 pins, Misfits with 1324, and 3-T's with 1291.

High 3-game individual series credited Chloe Y. Dishong with 536, Mitzi Pitzer, 505; and Doris Hyer with 502 pins.

Mitzi Pitzer rolled the highest individual game of 212, and tied for high average of 140 with Chloe Y. Dishong.

Awards will be presented at the RAI Annual Sports Award banquet.

New Officers For RAAP Women's Club

The April 12 meeting of the Women's Club elected these officers for the new season:

President: Mrs. Barbara Schwalb
V. Pres.: Mrs. Peggy Cretella
Secretary: Mrs. Linda Sarkis

Luncheon hostesses were Mrs. Ann Miller and Mrs. Pat Adair.

In the Monday Night Men's League, the second half winners were The Old Timers.

A roll-off against the first half winners, The Alley Cats, ended after a hot contest with The Old Timers taking 2 games and total pins to gain the championship of the league.

Members of the winning team are:

E. Leonard
R. Brown
A. Burketh
A. Bennet
E. Sweitzer
R. Wells

Members of The Alley Cats are:

C. English
H. Friedman
R. Benford
G. Hilliard
R. Dalton
F. MUELSON
G. Lemasters

Add To Knowledge

Two Technical Division employees recently gained Certificates of Completion from the U.S. Army Missile and Munitions Center and School, Redstone, Alabama.

Quality Assurance Supervisor T. R. Schaide completed a Subcourse in Fundamentals of Management; and Margaret N. Papulias, Q.A. Inspector, received her certificate for Subcourse MMS 100, Ammunition.

In addition, John R. Lemon, area supervisor of Ammunition Inspection and Surveillance, completed a two week course of Ammunition Administration and Planning at Savanna Army Depot in Illinois.

Marketplace...

FOR SALE: Women's 100 per cent human hair wig. Dark Brown, medium length. Call S. McKinney. Stow 688-7991.

WANT TO BUY: Guns. 20 gauge and .22 caliber, over and under. Also 357 Mag. Call S. McKinney. Stow 688-7991.

FOR SALE: 16 ft. Boat. Starcraft sleeper. Sterling boat trailer and 75 h.p. Evinrude w-electric starter and alternator. Includes convertible camper top, boat cover, winter tarp, skis and tow rope, cushions, life-preservers, anchor, fenders, paddle, speed prop, trailer spare. Used 6 summers. Under \$1000. Call H. Ley, Akron 644-4089.

FOR SALE: '70 IMPALA Custom Coupe. 2 dr. Vinyl top. 350 cu. in. Call Ext. 420.

FOR SALE: 220 volt Air Conditioner. 18,500 BTU Whirlpool. Used 9 mo. \$175. Call Ext. 217.

FOR SALE: Mec shotgun shell reloader w-20 ga. dies and other accessories. Excellent condition. 2 yr. old. Best offer. 296-2379.

Fore....!

Golf leagues are in action.

Riverview started 22 teams on May 3, the ladies attacked Ravenna's Chestnut Hills course on May 4, and eighteen teams assailed Brimfield's Sunny Hills' water holes on May 6.



RAVENNA ARSENAL, INC.

NEWS

Published 15th of each month.

E. DORRANCE KELLY, General Manager
LT. COL. JAMES N. PAYNE, Commanding Officer

-Editor, Roman C. Syroid, Ext. 235

-Photographer, Mervyn Danison

Can You Say This Out Loud?

Pneumonoultramicroscopicsilicovolcanoniosis

This tongue-tangler is found in the Merriam-Webster dictionary. It has more letters than the alphabet.

The word means an ailment

caused by inhaling very fine rock dust.

Try writing it from a friend's dictation.

RAVENNA ARSENAL, INC.
Ravenna, Ohio 44266

FIRST CLASS



RAVENNA ARSENAL, INC.

NEWS

An Equal Opportunity Employer

Volume II

June 15, 1971

Number 24

Here Comes The Sun: Springtime At RAAP

Love knows no season like the Spring-
hers for him, His for his swing!



Soft breezes, budding lilacs, a pretty
girl, and a handsome lad often add up to
romance.

Alice Fohner, Dept. 50, and Jim Jen-
kins, Dept. 55 demonstrate the modern
version of the age-old spring story.



This killdeer nest of pebbles is carefully guarded by its maker.
As Ronald Thomas, Dept. 58, approaches, the killdeer pretends
to have a sudden attack of "injured wing" hoping to lure him
away from the nest.



Proud mother robin planted her
nest in the security of an iron stair-
way. The exuberant youngsters fill
the air with their cries of joy.

The Changing Face Of The Arsenal.....



The new Auto and Truck Maintenance Shop will have a frame
straightener, front end aligner, and an automatic car wash facility.
The shop is part of Bldg. 1034.



This new addition expands space and facilities of the George Road
Shops. It will house the paint, electrical, carpenter, metal and machine
shops.



The new Equipment Repair Shop is across the road from George
Rd. Shops. It will house Dept. 58 offices, and repair facilities for
heavy equipment and forklifts.



When completed, this building in the southeast corner of Headquarters
will house Automatic Data Processing Equipment and other comm-
unications facilities.

Frank E. Erbe Gets Wise Owl Award..... (See page 2)

Trees Turn Into Timber With Age And Guidance



RAI Employees Give \$5,421.88 To Charities

Arsenalites who have authorized payroll deductions for charitable agencies in the cities of their choice have contributed \$5,421.88 during the first quarter of the year.

The cities and agencies in the surrounding communities which benefitted from the distribution of the first quarter funds are:

AKRON-CUYAHOGA FALLS . . . \$780.83	
United Appeal	\$780.83
ALLIANCE	\$283.63
United Fund	\$226.30
Cancer	18.10
March of Dimes	27.16
Muscular Dystrophy	12.07
CANTON	\$85.09
United Fund	\$66.99
Heart	18.10
NEWTON FALLS	\$706.07
United Appeal	\$529.55
Cancer	42.36
March of Dimes	63.55
Muscular Dystrophy	28.25
Heart	42.36
NILES	\$100.45
United Appeal	\$52.23
American Red Cross	23.10
Cancer	6.03
March of Dimes	9.04
Muscular Dystrophy	4.02
Heart	6.03
RAVENNA-KENT	\$2,135.00
United Fund	\$1,667.50
Cancer	149.60
March of Dimes	149.60
Heart	168.30
SALEM	\$100.09
Community Fund	\$100.09
YOUNGSTOWN	\$467.50
Community Corporation	\$350.63
Cancer	28.05
March of Dimes	42.07
Muscular Dystrophy	18.70
Heart	28.05

Trees are beneficial to man, offering beauty, fruit, shade, and wildlife cover.

Trees also help control the watershed of a given area and are a factor in soil conservation.

Trees are a natural resource capable of self-propagation, re-seeding themselves at marked times of the year.

Ash, Aspen, Basswood, Beech, Black Cherry, Elm, Hickory, Oak, Maple, Tulip-Poplar, Willow — these are names of trees found growing on Arsenal grounds.

Classed as mixed hardwoods, they are offered for sale each spring by the Corps of Engineers.

This year an estimated 307,000 board feet of timber were selected for sale by RAI Forester W. E. Backler, and marked so prospective buyers could come see, examine, and bid on them.

"The reason for the yearly sale is to effect a managed woodland area," explained Forester Backler.

"Managing the woodland" means older trees are selected for removal so younger trees will be able to grow and develop properly.

This managed "thinning-out" process is a controlled refinement of the natural process of old trees dying off and new ones starting each spring.

Woods management can result in better forests for beauty and for

use. High quality trees are always in demand for use in furniture, paneling, veneers, and other lumber needs.

Lesser quality woods are employed in making pallets, boxes, dunnage, and blocking materials.

Logs for your fireplace and wood pulp for your daily newspaper also come from trees.

Look around you. Do you have any of these trees on your property?

The **White Oak** is used in flooring, cabinet work, and whiskey barrels. Its wood is durable, flexible, and impermeable to liquids.

Sugar Maple wood is often found in the pines and alleys of a bowling lane. (The ancient Romans used maplewood for spears.)

Beech may be noticed in fruit baskets, furniture, paneling veneer, and fireplace wood.

The **White Ash** has a straight grain, good bending quality, and an ability to wear smoothly.

Boat oars, long handles for garden tools, tennis racquets, and ball bats are often made of ash-wood.

Hickory is tough and resilient, making it the right wood choice for skis, or handles for axes and hammers.

Black Cherry. This beautiful naturally reddish-brown wood is often found as cabinetry, furniture,

woodenware, and the interior trim of boat cabins.

Black Walnut is scarce, and valued highly for the beauty of its heartwood grain. Harder than oak, it often appears as expensive furniture, wall paneling, and in gunstocks of fine hunting weapons.

Forester Backler's duties include directing the harvesting of the timber on Arsenal lands and timber stand improvement.

Timber stand improvement means to control the cutting of trees so as to improve the composition of a stand of trees, its condition, and rate of growth.

By careful selection, the undesirable trees are gradually eliminated and desirable trees are encouraged to flourish.

According to the U. S. Dept. of Agriculture the supply of high quality Black Walnut is decreasing as the demand for this prized wood increases.

At present, Forester Backler is attempting to propagate over 300 black walnut trees in what he calls "his tube farm."

Each nut is placed in its own container so that it may develop into a straight healthy seedling for later transplanting.

If his efforts are successful, there may be a stand of valuable black walnut trees on the Arsenal grounds ready for harvest in the years to come.

Zinc, Lead Can Poison Food

The warmth of summer brings out the picnickers. It also adds the hazard of food poisoning.

You should be aware of the type of food poisoning that takes place when foods and beverages stored or prepared in containers lined with zinc or lead are consumed. It can cause serious illness.

Galvanized containers — often used in picnic food preparation — are the main source of zinc food poisoning.

Most foreign-made pottery and ceramic utensils, and those that are "hand-crafted", are the main source of lead food poisoning.

Acid foods and beverages, including fruits, tomatoes, citrus fruit, carbonated beverages, juices, coffee, tea and alcoholic drinks can easily dissolve the lead and zinc used in lining the containers.

Exercise extra care in your choice of container for food preparation and storage, and keep your picnic pleasant.

Marketplace . . .

WANT TO BUY: Baby bed and high chair. Sofa bed. Spiral staircase (8'10" or over). Refrigerator to fit 13-1/2' travel trailer. Priced reasonably. Call Ext. 783 or At-water 947-2620.

FOR SALE: 1930 Ford, 283 Chev. Eng., 4 spd. K-8 Weaver scope. B & M hydro for Chevy (never used). Rear section of '65 Ford. Misc. car parts. Call 688-3102.

FOR SALE: 1968 CHEVY II NOVA. 6 Cyl., Small 230 cu. in., Good condition. Call Warren 395-3247.

FOR SALE: 1966 Plymouth 'Cuda. 4 barrel 273. 4 spd. Positraction. Excellent shape. Best offer. Call Mantun 274-2840.

Employees Add To Savings: Buy Bonds

Sparked by "key-men" in each division, the U.S. Savings Bond Drive in May found 122 RAI employees subscribing to the Payroll Savings Plan for the first time. Eighty presently enrolled increased their deductions.

Savings Bond Chairman F. J. Koch revealed that plant-wide participation increased from 46 to 65 per cent.

The chairman urged continued "Taking Stock in America."

"Our people know a good investment in their country and in their future when they see one," he concluded.

Divisions and departments who achieved 100 per cent participation will receive a Letter of Achievement.



Frank E. Erbe, RAI millwright, happily accepts his lifetime membership certificate in the Wise Owl Club from Safety Manager O. D. Riesterer.

General Manager E. D. Kelly (left) and W. G. Wurster, Maintenance Superintendent (right) join in the ceremony.

Wise Owl members are employees who have saved their sight by using proper eye protection, on or off the job.

Mr. Erbe was near a hopper of explosive material when it accidentally ignited. The flash

caused 2nd and 3rd degree burns to face, neck, hands, and wrists, but his Safety Glasses prevented injury to his eyes.

The Wise Owl Club is sponsored by the National Society for the Prevention of Blindness, Inc.

Danny Carey Is A Well-balanced Youngster



"Spring" Safely Into Summer

Spring housecleaning may have been a little late this year, but it's never too late to "Spring-clean" your car for safety.

"Safety-ize" your car for summer driving with a complete check of the brake system.

Brakes

Does the pedal feel "spongy" when you step on it? Does the car pull to the right or the left? Does the brake pedal go way down to the floor? Your summer will be safer when your brakes are checked - including the parking brake.

Lights

Good lights will guide you safely through the spring and summer nights. Do the upper and lower beams work? Are they aimed properly? Do you have tail-lights and brake lights? Are they working properly?

Signal Lights

Signal lights are important to good car safety. Did you know that when the indicator comes on - and does not blink - the bulb has burned out?

Tires

Tires can take you smoothly, comfortably, and safely to your destination the year around.

All of us want to live long and safe lives. Proper tire pressures can lengthen the life of both people and tires.

Too much air gives a firmer ride, greater stopping distance, and higher "skidability".

Keeping tires soft gives a "cushion" ride, mushy steering, greater wear of tread and sidewalls, and higher fuel consumption.

A regular "spring" tonic for your car is to have tire pressures checked and corrected.

Windows

Is your car's window area cloudy from the film of oil and tobacco smoke gathered during the winter months?

This can cut your visibility way down. And at night, especially at turnpike speeds, this can be one of driving's worst safety hazards.

Use a cleaner containing ammonia for a good "spring cleaning" technique that will keep the road ahead safely in view.

Wipers

Windshield wipers may need new blades as part of your spring tune-up. Streaking, skipping, striking corner moldings indicate future problems in summer driving.

A safety check and adjustments to your wipers should be regular safe practice.

Appearance and Condition

Washing and waxing will keep your car looking its best, outside.

Keeping it in good condition, operationally, will make you feel confident (and safer) inside.

These National Safety Council suggestions are on your side.

George H. Yocum Dies

George H. Yocum, retired RAI engineer, died at Robinson Memorial Hospital in Ravenna May 8, 1971 after a long illness.

In March 1951 Mr. Yocum was general foreman of Dept. 32. He was plant engineer from June 1953 to June 1967. His last assignment was that of Senior Administrative Engineer.

Mr. Yocum retired in March 1969.

Daniel Carey Brown, son of RAI Security Officer Howard W. Brown was born 15 yrs. ago.

From birth he had an asthmatic condition which worsened as he grew older.

At his 10th birthday, he had still to take part in the usual activities of a growing boy.

His doctor suggested exercises in breathing to strengthen his lungs. One idea suggested was dancing lessons in tap, modern, and ballet as useful exercises to benefit the boy.

"Danny worked hard," Mr. Brown recalls. "He wouldn't give up."

Three years of dancing exercises helped Danny's breathing. It also indicated a talent for gymnastics - back flips, acrobatics, cartwheels, and juggling.

The juggling led to the hand balancing act he does today - thrilling audiences as he appears at fairs, shopping centers, and with circuses such as the Shrine Circus and Cole Brothers Circus.

Danny is not only successful in show business; he is a straight "A" 9th grade student.

He gets his education by correspondence and by tutor as he travels. His mother accompanies him on his tours.

Danny Carey, equilibrist, has gained a measure of success at an early year.

He has overcome a tremendous handicap, yet remains a well-balanced youngster.

Service Awards

Five Year Pins	Dept. No.
E. F. Barnett	438
D. E. Charnas	54
D. E. Grim	80
J. K. Lash	09

Elementary Students Lend An Ear To Learn



Patty King leads the handwavers during the Grade 4-5-6 discussion with RAI Safety Engineer J. V. Carano.

Students of Southeast Elementary School watched eagerly and listened intently as RAI Safety Engineer James V. Carano explained and demonstrated sounds and hearing conservation on May 28 in the school's assembly room.

The youngsters were intrigued and excited as Mr. Carano fired blanks from a derringer, activated an alarm clock, showed them how a sound level meter works, and let them see some of their classmates try on "ear muff" aural protectors. The film, "Sound of Sound", held their attention and sparked discussion questions.

Steam For Summer Only

The silvery corrugated steel building at the northeast corner of the Cafeteria is no longer a mystery. It is active only during the summer months.



Recently, noisy activity and open doors of Bldg. PS-6 invited a curious look inside.

A small steam generator was revealed in the process of being "spring-cleaned."

"We do this every year," explained Denver Knight of RAI Space Heating Dept. 22.

He added, "Dept. 22 personnel take care of furnaces, low-pressure boilers, and oil-fired stoves in their daily duties on the Arsenal grounds."

Grunting, he leaned into his work of forcing a long-handled wire brush through one of the flues surrounding the main fire pot.

A sudden puff of fine black dust was proof that the tube was clear of carbon build-up.

In use, the burner flame of the boiler is forced through the fire pot, and deflected back through the flues. This converts the water in the boiler to steam.

The steam created then heats water for use by the cafeteria in cooking, washing, and the serving tables.



Surrounded by curious 2nd graders Cindy Pollack, John Mayes, Michael Brown, Jim Dieffenbaugh, Kathy Hunter, and Angie Campbell, Mr. Carano shows them the equipment he brought for his presentation.

"How does 'rock music' make you deaf?" they wanted to know. The answer: "It's not the music; it's how long you are continuously exposed to it" started little heads bobbing in understanding.

About 1550 children through Grade 8 attended the three assemblies.

Bringing informed people from RAI to the school assemblies was the suggestion of Mr. William Murphy, a member of the Southeast School Board.

Mr. Murphy is an operating steam engineer at RAI.

The school principals, Mr. Steve Pikna and Mr. Jack Carlon, welcome speakers from Industry.

Fore!

Riverview, Sunny Hills, and Chestnut Hills are getting good play by Arsenal golfers.

At Riverview, Mitchell marked an eagle, with Jenkins, Montgomery, Lietzov, Erickson, Knupp, Steigerwalt, Oliver and Hostetler each carding birds.

Sunny Hills credits Jenkins with an eagle and a bird; also birds for Williams, Merrill, Steward, Koch and Dietz.



Sunny Hills League



Chestnut Hills Ladies League

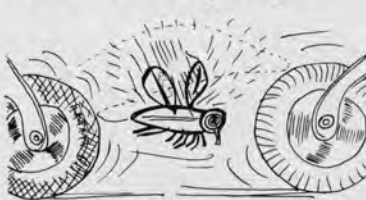


Trophy Winners
Winners of the 1970 APCO Fish and Wildlife Conservation Clubs' Archery Tournament receive their awards from Jack Streeter, club president.
They are: (left to right) Debby Neely of Columbus; John Hook, Sr. of Bedford; and Virginia Beaver of Canal Fulton.

Bowling Awards Banquet June 16

In the Mixed Doubles bowling league finals, the Whitakers and Shields fought a tie-breaking battle for first place.
When the smoke had cleared away, the Whitakers were the undisputed champions with 154-86 over the Shields 150-90 second place count.
Barkers grimly held on to third with 144-60, while the Ericksons neatly displaced Grabowski-Dishong from fourth with a tally of 135-105 to 134-106.
Trophies and awards will be presented at the Annual RAI Bowling Banquet June 16 at the Recreation Hall.

How Far Did The Fly Fly?



(Solution to May issue fly puzzle)
You will recall the motorcyclists were 20 miles apart at the start of the fly's flying. The cyclists drove their machines toward one another for exactly one hour at 10 miles per hour.
Meanwhile the fly flew furiously between them at a constant speed of 15 m.p.h. until he got "tired".
Since the fly flew for one hour, the fly flew a distance of 15 miles.

COR Commendations

Award Winner Promotion

LT Philip L. Putam, Acting Commander, presents a Department of the Army Suggestion Award to Mr. George E. Joyce, COR Safety Officer, for an adopted suggestion which reduced the number of fire breaks required on LL12 from nine to three. The certification was accompanied by a cash award of \$845.
Mr. Joyce's suggestion resulted in a command engineering change, and a savings of \$28,506 at Ravenna Army Ammunition Plant.



Thomas Vljakovich recently received a promotion to Traffic Manager.
He came to Ravenna as a Traffic Management Specialist in November, 1968.
LTC James N. Payne, Commanding Officer, presents the notification action to Mr. Vljakovich.

Challenged: Win Certificates

Studying in their spare time, the following RAI employees of the Technical Division recently completed U.S. Army Missile and Munitions Center and School subcourses by correspondence.
Meeting the challenge were:
Mrs. Nettiebell J. Eakins, Q. A. Inspector, who completed Subcourse SIG99, Basic Math;

Mrs. Dorothy M. Grodesky, Q. A. Inspector, who completed Subcourse AG122, Spelling, Abbreviation, and Capitalization;
Mr. Charles E. Hill, Technical Writer, who completed Subcourse MMS 621, Ammunition Material;
Mr. Wilbur C. Rogers, Ammunition Inspector, who completed Subcourse MMS 612, Ammunition Maintenance and Renovation.
All four employees received Certificates of Completion.

Tuition Refund Sign-Up For Summer

Have you registered for summer session courses? If you are signing up at one of the local colleges and you are not receiving G.I. benefits, you may be eligible for RAI tuition refund benefits.
The summer session sign up will soon begin (June 25-27 at Kent State) for most Universities according to Harold Strong, Training Supervisor.
The RA-635 Tuition Refund Plan form is available at the Training Dept., Bldg. 1038.
For answers to Tuition Refund questions, call Ext. 238.

Reunion In Memphis

National Secretaries Week salutes secretaries everywhere once each year.
This year, Executive Secretary Tress O'Lear spent part of that week as the guest of Mr. and Mrs. Paul Borda in Memphis, Tennessee.
Mr. Borda was the first general manager of RAI from 1951 to 1953. He selected Tress as his secretary when he took office.

Service Award



W. L. Onstott, Dept. 51, receives his 20 yr. pin and watch from Plant Protection Manager R. B. Walters (right).
Security Police Sergeant W. L. Onstott has worked at various jobs but he likes best the duties of plant protection.
Mr. Onstott, known as "Pappy" to his co-workers, was a patrolman and radio dispatcher before his promotion to sergeant. His 20 years with RAI dates from June 7, 1951.

The Bordas have made their home in Memphis since transferring to the Firestone Plant there in December 1953.
Tress was delighted to find them both energetic and happy, and enjoyed the reunion and their hospitality.
A high point of her visit came on a tour of the city, guided by the Bordas who had arranged for her to be presented with a Key to the City of Memphis.

FIRST CLASS

RAVENNA ARSENAL, INC.
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-Editor, Roman C. Syroid, Ext. 235 -Photographer, Mervyn Danison



RAVENNA ARSENAL, INC.

NEWS

An Equal Opportunity Employer

Volume 111

July 15, 1971

Number 1

RAAP Welcomes KSU Students For Ecology Study

Thirty-nine pairs of curious eyes peered through the tinted windows of the Kent State University bus stopped at the main gate of Ravenna Army Ammunition Plant on July 1.

The eyes belonged to the Director of the KSU Conservation Laboratory program, Dr. M. L. Ferguson, Professor of Biological Sciences; his colleague, Professor G. W. Frank of the Geology department; and 37 students who were on a field trip as part of their Conservation Laboratory requirements.

RAI Forester W. E. Backler helped them clear through Security and the day's activities began. While the bus rolled through the countryside within the Arsenal gates, the student visitors received spot information from Forester Backler about the areas they had come to study.

This was the fourth year in a row that he had planned the itinerary and served as field trip escort for the ecological group.

The day's tour was allocated to Natural Resources Management, meaning methods being used to promote healthier and more useful woodland areas.

Dr. Ferguson commented that conservation and proper management of our nation's woodlands was one way to insure that future generations might enjoy the benefits of trees and the wildlife they support.

He spoke highly of the Arsenal grounds as a fine place for natural resources study because the lack of public access allows the flora and fauna to flourish in a natural state.

Most of the members of the study group were graduates, teachers, and administrators who were interested in updating their knowledge of modern problems of environment.

Everyone seemed to enjoy the study tour, even those who slipped and fell into the poison ivy patches that grew in abundance along the trail.



Ready for a hard day's work are these students of this summer's Kent State University Conservation Laboratory. They were guided on the Arsenal field trip by RAI Forester W. E. Backler (with bullhorn). To his left is Professor Glenn W. Frank, and standing (with camera) is Dr. M. L. Ferguson. Both men are KSU staff members.



Dr. Ferguson explains the work of beaver in the balance of nature as students examine evidence of beaver at work.



On the way to the beaver dam, the trail was narrow and slippery because of trampled vegetation. All negotiated it safely.



RAI Forester W. E. Backler tells members of the field trip about the purpose of timber stand improvement and planned "open areas" in the forest.



This interesting forest pattern of felled aspen trees was created by busy beavers. The trees are 6 to 8 inches in diameter. It takes the beaver about half an hour to gnaw a tree down.



Leaving one study area, students board their bus for transport to another part of the forest. RAI Security Officer D. E. Easter traveled with the group on the tour.



The students study the results of a planned "opening" in the woodland which permits sunlight to reach tree seedlings. Many desirable trees will not develop in the shade.



July 4, 1776 -- a young nation established its independence and began to grow

Independence Day, 1971..... that same nation - older, wiser, stronger, celebrated its 195th anniversary on July 4.

Proud Americans display their national flag with respect and honor on this day.

Riverview Golf Outing

Members of Riverview Monday Night golf league and their guests are gearing up for a swinging time, on the course and after, at their mid-season outing to be held at Riverview, Saturday, July 17.

Recreation supervisor Glenn Williams will answer any questions about the outing. Call him at Ext. 493.

Committee Plans Women's Outing

Ten women recently agreed that Wednesday, August 18, would be the best night for the Salary Women's Annual Outing.

The Committee also entertained suggestions for a suitable place to hold the event.

Another meeting will be held soon to crystallize the plans for the outing.

Members of the committee are: Alice Fohner, Diane Woolard, Evelyn Rose Young, Caroline Hauck, Roni Hick, Jean Whyte, Beverly Hunter, Fran Williams, Elaine Warren, and Dorothy Charnas.

**Were you
Given permission
To work carelessly
Today?**

By whom?

- Your wife
- Your husband
- Your children
- Your family

Above, Below, and In the Water



Boating. Fishing. Swimming.

These outdoor sports have one thing in common. Water, you say? Correct!

These water sports also have in common the need to "Zero in on Safety for the Summer".

A boat, like a car, must have an operator who knows the "rules of the road" to handle it safely. He makes sure his passengers have U.S. Coast Guard approved life jackets or cushions, and know what to do in an emergency. (He will be even happier if they know how to swim.)

A good boat captain keeps his craft "shipshape"—meaning it is clean, properly-equipped, and ready for fun and emergencies.

A good boat captain is wise in the ways of water. He maintains safe speeds, and is always alert for water-hidden dangers. He keeps a sharp eye out for swimmers, waterskiers, and other boaters.

The good boat captain keeps a safe measure of freeboard. He knows that an overloaded boat riding low in rough water is an accident looking for a place to happen.

The good captain never leaves his mooring without being alert to changing weather conditions, and he files a travel-plan so the Coast Guard will know where to search if the boat and crew are overdue at their destination.

If you are asked to go boating by a good boat captain, you should board the craft by stepping in near the center. (Never jump into a boat — it may capsize.)

As a good passenger, you should not stand up in the boat unless it's absolutely necessary.

Zero in on Summer Safety; follow the rules for safer boating. (And for water-skiing, too.)

Angling for fun, the fisherman often gets so interested in his pursuit of the finny denizens that he gets a little careless.

His boat may drift into boating channels or into waterski lanes or into swimming areas.

His eyes may be on the lure he's trolling—and not on the water and traffic ahead.

The fisherman, eager to place his bait or lure in a particularly appealing pool off a likely-looking inlet, may stand up to make his

cast — and suddenly find himself thrashing about in the likely-looking waters.

In the same vein, he and his fishing buddy might create an imbalance in the boat when netting the "big one of the day"—and the net result might find both of them floundering with the fish they caught.

Zero in on Summer Safety; follow the rules for safer fishing.

Getting in the swim is one of the best things to do in the summer. The water lover often forgets the lessons learned last year and proceeds to meet the same safety hazards all over again.

He may dash out on the beach to the water's edge and dive into the first white-capped wave he sees, while the blazing summer sun smiles down on his fun.

Let's check the safety hazards: First, his eagerness may cause him to forget that he can't swim too well. Then, too, he just finished a big picnic lunch only a few minutes ago.

Yet he dove right into the water — no waiting or checking for possible danger for him!

He violated the safety rule that when broken often makes headlines: **Never swim alone.**

Meanwhile, the cool bluegreen water occupied most of his attention as the hours passed. The sun continued to smile down on him, which was most evident to the ambulance crew as they treated him for shock and severe sunburn on the way to the hospital.

Zero in on summer safety: follow the rules for safer swimming.

When A Girl Marries

When a girl marries, she should complete a "Request for Change in Social Security Record" form as soon as possible.

Otherwise her name will not be changed on social security records, resulting in loss of benefits in later years.

If you are newly-married, you can get the name change form at your Social Security office or any post office.

Non-Poisonous Garden Guards

Get more from your garden this year by keeping produce pests under control with non-poisonous methods. Here's how.

Cucumbers planted with nasturtiums will prosper.

Cutworms can be cut out with a cardboard collar around your plants.

Sage or mint will protect broccoli, brussels sprouts, cabbage, cauliflower, or kohlrabi from garden pests, if planted among them.

Green bean fans can increase their yield by planting marigolds in the bean field.

Potatoes and beans, planted together, will discourage beetles that attack both plants.

Pest-free tomatoes can be yours if you plant them with potatoes. Tomatoes can also gain protection from the herb, basil, if they are planted together.

These ideas for better gardening were suggested by the magazine, "Organic Gardening".

Green: Go, Red: Stop

Pedestrians are those who cross Streets at intersections. They should never suffer loss If they heed directions. Green: go, Red: Stop.

Pedestrians often have a mission To complete across the street; Perhaps a purchase they will make Or a dear friend they will meet. Green: go, Red: Stop.

Pedestrians are people, who Are much like you and me. (But they may be drivers, you and you, Guided by rules of car safety.) Green: go, Red: Stop.

Safety for pedestrians, and For auto drivers, too, Needs no proclamation grand.... It all depends on you! Green: go, Red: Stop.



Verse by Roman Syroid

Photo courtesy of National Safety Council.



The annual RAI Winter Sports Recognition Banquet was held on June 16 at the Recreation Hall. Sixty-Five employees shared good food, fun and fellowship during the evening.

Enjoying themselves at the speaker's



First Place Team in The Tuesday Ladies League was composed of Chloe Dishong (left), Faye Martie, and Pat Kovacs (right).



Men's League Second Place winners were: R. Dalton, C. English, H. Friedman, F. Samuelson, G. Hilliard and pictured (left to right) R. G. Benford and E. Lemasters.

table were: Mr. R. D. Bower, Mr. H. W. Johnson, Mr. B. K. Lyckberg, Mr. D. H. Ramsey, Mr. J. P. Talkowski and Mr. G. Williams.

Mr. Ramsey's opening remarks after dinner put everyone in a jovial mood. He intro-

1970-71 Bowling Award Winners

In the Mixed Doubles contest, First Place Winners Lovetta and Wally Whitaker each received a trophy. Their awards were accepted for them by Shirley and Grant Frazier, since Wally was taken ill on his way to the banquet. Shirley is the daughter of the Whitakers.



Tony and Irma Shields placed second, and accepted insignia jackets with happy smiles.

duced Mr. Talkowski, who welcomed the award winners and guests. In turn, he presented Mr. Williams who aptly made the Company Awards for the 1970-71 Bowling Season.



First Place Men's League Winners were: Front row, (left to right) A. Bennett and R. Wells. Back row, (left to right) A. Burketh, E. Leonard, and E. Switzer. Not pictured is R. Brown.



Tuesday Ladies' League, Second Place winners were (left to right) Mitzi Pitzer, Doris Hyer, and Pearl Armstrong. That's Rec. Dir. Glenn Williams handing out the awards.

Theft, Destruction Of Govt. Property

One of the Arsenal work rules is that there shall be no Theft, Unlawful Destruction, or Removal of government property (without proper authority) from the Arsenal.

Such unauthorized action by any of our employees could result in immediate discharge and possible prosecution.

Title 18 of the U.S. Code entitled "Crimes & Criminal Procedure -- Government Property or Contracts" reads in part as follows:

"Whoever willfully injures or commits any depredation against any Property of the United States or any Department or Agency thereof, or any Property which has been or is being manufactured for the United States or any Department or Agency thereof, shall be punished as follows:

"If the damage to such Property exceeds the sum of \$100, by a fine of not more than \$10,000 or imprisonment for not more than ten years, or both.

"If the damage to such Property does not exceed the sum of \$100, by a fine of not more than \$1,000 or by imprisonment for not more than one year, or both."

Keep In Step With Safety

Summer's many activities require you to have happy feet dressed in stylish, comfortable, long-wearing shoes.

These qualities can also be found in safety shoes, says John Utley, RAI Safety Coordinator.

A catalog showing many attractive styles in dress, sport and work shoes is available at Bldg. 809.

If you want safe, happy feet this summer, you can get safety shoes for off-the-job work and fun through the RAI employee payroll deduction plan. Call Ext. 237 for information.

Service Awards

FIVE YEAR PINS DEPT. NO.

F. M. Neitzfelt	80
R. Smith	80
R. Svoboda	58



Like It Is.....

Photography by M. Danison

This photograph, taken by Mervyn Danison, RAI plant photographer, was given a 1st Place rating at the recent state convention of Ohio Professional Photographers.

The blue ribbon winner then was accepted for display in the National Exhibition of the Professional Photographers of America at Chicago.

More than 5,000 photographs were judged by the nation's finest photographers to select the 480 photos

for the exhibition.

Mr. Danison's creative effort -- "Like It Is" -- was one of these. Only eight other Ohio photographers had their work accepted for recognition in the national exhibition.

Photographer Danison's work will be part of the PPA's traveling collection of outstanding photos to be displayed across the country at schools, libraries, and other exhibition halls.



Make This Possible :
Wear Your Safety Glasses

Fore!

The split-season Men's Golf tournaments reached the halfway mark near the end of June.

Riverview linksmen tallied the last match scores to find that the dynamic duo, Jim Jenkins of Methods & Standards and "Dan-ny" Danison, RAI plant photographer, were way out in front.

Trailing them by 7½ points, Keith Lash of Transportation and Paul Bogner, Engineering, took second place.

Further ado on that day: Birds were tallied by Branecky, No. 1; Chesser, No. 3, No. 7; Myers, No. 6 Talkowski, No. 1; and Loro, No. 7.

RIVERVIEW STANDINGS:

	won	lost
Jenkins-Danison	154.0	86.0
Lash-Bogner	146.5	93.5
Seminaro-Rush	145.5	94.5
Halick-Poulton	139.0	101.0
Koch-Sullivan	138.4	101.5
Lyckberg-Myers	137.5	102.5
Loro-Spahn	137.0	103.0
Knupp-Walters	136.0	104.0
Fritz-Stoner	134.0	106.0
Horvat-Revezzo	133.0	107.0
C. Hostetler-Scott	132.0	108.0
*Chesser-Skrivanek	122.0	118.0
*Branecky-Merrill	118.5	121.5
Hill-Karaffa	115.5	124.5
Erickson-Shanks	112.0	128.0
L. Hostetler-Coco	108.0	132.0
Steigerwalt-Montgomery	106.5	133.5
Oliver-Bertino	97.5	142.5
Germano-Dye	86.5	153.5
*Irwin-Marzi	85.5	154.5
Talkowski-Hamilton	77.5	162.5
Rydzak-Given	77.5	162.5

*(subs.)

Over in Sunny Hills in Brimfield, the Thursday Men's League wound up the first half of the season on June 24.

Leading the pack was the team of Carl Knupp, Security, and R. K. Bentz, Comptroller. They managed to outlast the combined efforts of R. G. Benford, Value Engineering, and Recreation Supervisor Glenn Williams who let them win by only 9½ points.

Further ado on that day: Birds were carded by Baltes, No. 14, No. 17; Danison, No. 18; Sullivan, No. 18; Karaffa, No. 12; Knupp, No. 11, No. 16; and Merrill, No. 11, No. 12, No. 15.

SUNNY HILLS STANDINGS:

	won	lost
Knupp-Bentz	175.5	64.5
Benford-Williams	166.0	74.0
Koch-Sullivan	154.5	85.5
Dietz-Kutz	145.0	95.0
Steward-Karaffa	140.0	100.0
Jenkins-Reed	139.0	101.0
Merrill-Lyckberg	138.0	102.0
Baltes-Forfeit	132.0	108.0
Johnson-Ramsey	126.0	114.0
C. Hostetler-Leonard	119.5	120.5
Oliver (sub)-Hall	112.0	128.0
Nader-Hoover	111.0	129.0
Danison-Forfeit	101.5	138.5
O'Lear-Eyler	98.0	142.0
Downs-Paduchik	88.5	151.5
Hellner (sub)-Hegarty	87.5	152.5
Whitaker-Dean	81.0	159.0
Veits-Carmen	47.5	192.5

Tuesday night is challenge night each week for the ladies of the Chestnut Hills Arsenal League.

Individual team scores show that Estella Pavlick is in the lead with 57.5 points.

Close together and fighting for number two spot are Mary Lou Bogner with 48.5; Roni Hick with 47.0; and Eleanore Seidel with 46.5.

Here is the box score:

CHESTNUT HILLS STANDINGS

	won	lost
E. Pavlick	57.5	32.5
M. L. Bogner	48.5	41.5
R. Hick	47.0	43.0
E. Seidel	46.5	33.5
M. Harris	42.5	47.5
B. Miller	40.0	50.0
D. Thomas	35.5	44.5
C. Marchaza	32.5	57.5

Service Award



Water is important to the needs of the Arsenal, and J. P. Chesmer of Dept. 33 water maintenance helps keep it flowing.

Mr. Chesmer, a steamfitter-plumber, transferred to RAI from government service. His 15 years of service dates from June 28, 1956.

COR Commendations



LTC James N. Payne, Commanding Officer, presents a Department of the Army Commendation Certificate to Mr. Daniel Shavers, Ammunition Inspector, for outstanding performance. Looking on are Messrs. Robert P. Hicks, (left), Sagaston Smith, and Paul Chalfant of the Quality Assurance Division. The award was accompanied by a quality step increase.

Wheel Safely Through Summer

Take care of your tires during the summer and they will take you safely wherever you may go.

Give special attention to the depth of tread. Tires should be replaced if less than one-sixteenth of an inch of tread remains to battle the hot pavements and high temperatures of summer driving.

Keep a close check on the air pressure in your tires during hot weather. The pressure can build up to an increase of five pounds over recommended cold pressure during long sieges with summer-scorched pavements.

The long, enjoyable automobile drives so characteristic of summertime in America often are marred by annoying shimmying vibrations in the steering wheel. This can mean tires out of balance, and continued driving without correction may result in unsafe vehicle condition.

Other things to keep in mind this summer about your tires are:

1. For turnpike driving, increase your tire pressure. They will run cooler since they will flex less.
2. Have your tires rotated every 5,000 miles. They will wear more evenly, longer and safer.
3. Overloading your vehicle, faulty brakes, and worn shock absorbers can help wear out your tires more rapidly.
4. Belted tires are longer lasting than unbelted tires.

Take the time to check your tires and wheel safely through summer.

Marketplace . . .

FOR SALE: MOBILE HOME. 1963 RICHARDSON 10' x 50'. Furnished, excellent condition. Call Rootstown 325-9844 after 5 p.m.

FOR SALE: FISH AQUARIUM. 26 gallon capacity. Lights, cover, and filters. \$21. Call Akron 773-6759.



LT Philip L. Putnam, Executive Officer, presents Miss Bernice G. Tubman, Accountant, Contract Administration Division, with a Department of the Army Commendation Certificate for outstanding performance. Miss Tubman will also receive a quality step increase.

Home Study Pays Off

Correspondence studies from the U. S. Army Missile and Munitions Center and School at Redstone Arsenal, Alabama, have been completed recently by these members of the Technical Department:

Ralph E. Davis, Q. A. Engineer, completed course AG-46, Fundamentals of Management;

Thelma J. Penny, Q. A. Inspector, completed course SIG-99, Basic Mathematics; and Amelia Miscevic, Technical Records Supervisor, completed course AG-21, Putting Your Thoughts on Paper.

Each employee received a Certificate of Completion.

FIRST CLASS

RAVENNA ARSENAL, INC.
Ravenna, Ohio 44266



RAVENNA ARSENAL, INC.

NEWS

Published 15th of each month.

E. DORRANCE KELLY, General Manager

LT. COL. JAMES N. PAYNE, Commanding Officer

-Editor, Roman C. Syroid, Ext. 235

-Photographer, Mervyn Danison



RAVENNA ARSENAL, INC.

NEWS

An Equal Opportunity Employer

Volume 111

August 15, 1971

Number 2

RAAP Gets Secretary of Defense Conservation Award



LTC James N. Payne, Commanding Officer; Mr. Jack Streeter, President of the APCO Fish and Wildlife Conservation Club (center); and Mr. E. D. Kelly, RAI General Manager admire the CITATION FOR MERITORIOUS ACHIEVEMENT awarded to Ravenna Army Ammunition Plant. The citation was signed by Melvin R. Laird, U. S. Secretary of Defense.

The award was based upon the vigorous efforts of RAAP personnel to promote fish and wildlife activity; to create new recreational opportunities; and upon the continuing application of

conservation and management principles.

Plant personnel and APCO Conservation Club members have been active in conservation and management of land and (Award continued on page 3...)

Shell Loading Halts Aug. 31; Arsenal Will Remain Ready

Shell-loading operations at Ravenna Army Ammunition Plant will be discontinued by August 31, 1971.

Announcement of the shutdown was made by E. D. Kelly, general manager of Ravenna Arsenal, Inc., contractor-operator of the government-owned plant.

Production lines will be placed on standby and maintained in a state of readiness for possible future reactivation.

Mr. Kelly said the cessation of production was directed by the U. S. Army Ammunition Procurement and Supply Agency at Joliet, Illinois, under which RAI operates the plant.

The halt of ammunition production is a result of the slowdown of military operations in Southeast Asia. Demand for the types of ammunition being loaded at the Arsenal has decreased sharply.

Approximately 600 employees will be affected by the closing down of the production lines.

Ravenna Arsenal, Inc., a subsidiary of the Firestone Tire and Rubber Company, has been the contractor-operator of the munitions plant since 1951.

Following the Korean conflict in 1957, the Arsenal was placed in a standby status, ready to operate on short notice.

The call came in 1968, when the giant shell-loading facility was reactivated to load artillery ammunition for the Army.

Both Mr. Kelly and LTC James N. Payne, Commanding Officer of Ravenna Army Ammunition Plant, expressed regret at the necessity of laying off the many skilled employees whose loyal and productive efforts have contributed so much to the Arsenal's successful operations.

Ravenna Arsenal Inc., contractor-operator of the facility, will continue to direct the plant operations.

Arsenal Employees Win APSA Awards



Brigadier General Peter G. Olenchuk, commanding general of U. S. Army Ammunition Procurement and Supply Agency, Joliet, Ill., presents Ralph Hart, RAI resources conservation program coordinator, with an APSA Million Dollar Club cost reduction award.

Mr. Hart was given the award for achieving a savings of \$1,387,500 at Ravenna Army Ammunition Plant during the federal government's 1970 fiscal year. His plant goal for the period was \$83,000. (U.S. Army photo)



Brigadier General Peter G. Olenchuk, Commanding General of U. S. Army Ammunition Procurement and Supply Agency, Joliet, Ill., presents a Cost Reduction Award to Mr. Thomas R. Reed.

Mr. Reed, RAI Methods and Standards Manager, received his award for establishing a greatly improved method of operation that resulted in a reduction of manpower requirements and a sizeable financial savings. (U.S. Army photo)



The Gift Of Life

Helping Hands Smooth The Way



The steady hands of Nurse Underwood, Cleveland Red Cross, draw a drop of blood for testing from the ear lobe of Goldie Barker, Dept. 51.



Mary Lake, Dept. 70, gently squeezes her hand at regular intervals to insure a steady flow while Nurse Tooman of Cleveland checks the departure point.

Bloodmobile

July 15, 1971



Mrs. Iona Buterbaugh smilingly observes the knowledgeable hands of Nurse Tooman prepare the donation of Margery Mohl, COR, for transfer to the refrigeration container.



Rich Wehling, Dept. 51, lends a helping hand by keeping an antiseptic bandage in place until the blood congeals on his ear lobe puncture.



Joe Spahr, Dept. 54, relaxes as the Cleveland Red Cross team prepares for his blood donation. Note the firm grip of his hand on the wooden dowel. He has been instructed to squeeze the dowel at regular intervals to keep the blood flowing freely.



The reassuring hands of Nurse E. Johnstone of Brecksville puts Mrs. N. Leach of Dept. 54 at ease as her gift of life is quietly given.



Calm, sure, experienced hands place the stethoscope on the artery to listen for the heart beat. The trained mind of Mrs. Donald H. Ramsey, R.N., translates the pulses into numerical scores to indicate that RAI News Editor Roman Syroid is acceptable as a blood donor.



Thermometer tilted at a perky angle, and hands serenely holding her record card, Dorothy Ellis, Dept. 69, waits.



Grateful hands hold a sandwich as John Shanks, Dept. 70, enjoys required food and drink after donating. Myrtle Sanborn, of Ravenna, keeps an eye on him.

(AWARD....continued from page 1)

woodlands during the past 20 years.

Several sales of standing timber have resulted from a forestry program that contributed heavily to the growth of excellent woodlands.

A brochure, detailing the 1969 RAAP program for natural resources conservation, was prepared by plant personnel and judged by top Defense officials in Washington, D.C.

This brochure earned the citation, which was accepted by Colonel Payne and Mr. Kelly on behalf of all those who prepared the award-winning document.



The citation reads, in part—
“...The progress achieved in this conservation effort and the quality of the program reflects great credit upon the installation, the personnel thereof, the Army, and the Department of Defense.”

Special recognition is given to Forester William Backler, R. G. Pavlick, R. A. Hart, and the entire engineering staff of Plant Engineer J. C. Duer for their diligence and skills in preparing the award-winning brochure.

The Gift Of Life

The gift of life is given from the heart by participants in the Red Cross Blood Donor Program.

Last year, the gift of blood collected at the Arsenal totalled 550 pints. Of this amount, approximately 25 per cent of the donations were used by Arsenal workers and their families.

According to Glenn Williams, RAI Blood Coordinator, over 100 pints were replaced in the bloodstreams of life through “a reciprocal agreement which binds together all Red Cross chapters.”

This blood was quietly administered in various local hospitals in the states of West Virginia, Pennsylvania and Ohio.

If any employee, or a member of his family needs blood in an emergency, he should make contact with the Red Cross Blood Program.

If out-of-town, call the local Red Cross Office in that area.

If at home, call Glenn Williams at RAI, Ext. 493.

Suggestion Awards For July



J.D. Rush
Dept. 32 . . \$20



F. J. Lauck
Dept. 70 . . \$25



J. H. Mayer
Dept. 26 . . \$15



J. Goodyear
Dept. 22 . . \$20



S. Reed
Dept. 18 . . \$20



P. Armstrong
Dept. 98 . . \$20



J. R. Erickson
Dept. 50 . . \$155

“If you have a better idea, turn in a suggestion,” advises RAI Suggestion Coordinator J. C. Bennett.

These people did.

J. D. Colley, Dept. 32, reaped a harvest of 3 cash awards totalling \$90.

Joann Erickson, Dept. 50, received the top award for the month. Her suggestion netted her \$155.



J. D. Colley
Dept. 32 . . \$90



B. R. Peterson
Dept. 70 . . \$30



Now settled in their home on the Staff Circle is the family of LTC James N. Payne, Commanding Officer of RAAP.

Mrs. Norma Payne, Michelle, 6, and Kimberly, 2, arrived June 20 from Washington, D.C.

A charming, personable individual, Mrs. Payne was a teacher at the American School for Dependents in Italy while the Colonel was on assignment there. She also has taught 7-8 grade reading at Prince George County Schools in Kentland, Md.

Mrs. Payne attended Morgan State College in Baltimore, and received her masters' degree in Speech Pathology from Penn State.

The colonel's wife feels she'll enjoy the relaxed atmosphere of Ohio after the hustle-bustle of Washington. “People here are very friendly,” said Mrs. Payne, “and I like the warm days and cool nights you have here.”

Mrs. Payne's outside interests include the theatre, and she enjoys reading for relaxation.

Soliciting Or Selling At RAI

Some of our employees have been observed bringing candy, cookies, raffle tickets, and numerous other items to work for the express purpose of selling them to their co-workers.

This creates a time-consuming situation that often results in embarrassment to you if you do not wish to make a purchase. Further, you may be annoyed repeatedly by the seller.

For these reasons it has been a long-standing policy at Ravenna Arsenal, Inc. that no one—either employees, or individuals from outside organizations—be permitted to solicit or sell on Arsenal grounds.

If you observe any such solicitations, notify your Supervisor or alert one of our Security Police to the situation.

Electricity — Friend and Foe

Your life today is guided, guarded, and aided by electrically-operated mechanisms.

Aircraft fly serenely to their destinations guided by instruments.

Your home and workplace are guarded by fuses, circuit-breakers, and electrical alarm systems.

A flick of a switch floods your home with light, cooks your meals, and entertains you with the latest radio or TV programs.

Yet danger lurks in the mis-use of electricity. Over 1,000 deaths each year in our country are caused by electric current. Many of them occur where TV antennas are involved.

An extra measure of care should be taken when erecting, maintaining, adjusting, or dismantling TV antennas. A common factor in electrocutions is an antenna that contacted live power lines while being installed, adjusted, or taken down.

Look for electrical power lines near your TV antenna.

Post warning signs so you and your serviceman will be always aware of the hazard.

Service Awards

FIVE YEAR PINS	DEPT. NO.
M. J. Tingler	03
J. Utley	13
T. Mott	70

Marketplace . . .

FOR SALE: 1969 FORD Ranch wagon. Ziebart rust proofing. Radial ply tires. Call Jim Young, Warren 399-6206.

Fore !

Latest Riverview golf league standings show the teams of Fritz-Stoner, 87.0-33.0; Rydzak-Givens, 80.5-39.5; and Hill-Karaffa, 78.0-42.0 leading the pack.

B. K. Lyckberg eagled No. 6. Birds were carded by Rydzak, No. 8; Knupp, No. 3; and Shields, Bogner, Shanks, No. 5.

At Sunny Hills, Downs-Paduchik are still holding a substantial lead. Dietz-Kutz, and Knupp-Bentz are very much in contention. Birds were shot by Sullivan, No. 4; Knupp, No. 4 and 5; and Tofanelli, No. 8.

Chestnut Hills ladies league has Estelle Pavlick in front position, with Eleanore Seidel and Mary Lou Bogner in close competition.

ARCHERS!

Sept. 10, 1971 is the deadline for registration in the 10th Annual Archery Tourney at RAAP.

Get details by mail from:

Tournament Coordinator, APCO Fish and Wildlife Conservation Club, Ravenna Army Ammunition Plant, Ravenna, Ohio 44266.

110 Attend Men's Annual Outing

A sunny, pleasantly warm day attracted 110 RAI employees to Forest Oaks Golf Course at Southington for the annual Men's Outing.

Each man received a traditional free golf ball at the first tee, and the play began. Fun, fellowship, good food and refreshments were the order of the day. Long remembered will be the team of C. Knupp and O. D. Riesterer who started with a cart that didn't carry them as far as their first drive.

The excellent ham and chicken menu was brought to the outing by the Akron Coca-Cola company's catering service.

Prizes were awarded to skilled or lucky participants. Winners and prizes are:

Third shot closest to pin: R. G. Benford, golf jacket
Closest to pin: Bob Fritz, head covers; E. Erickson, head covers.

DOOR PRIZES:

Golf Shirt: C. A. Reed, O. D. Riesterer, H. Pierce, J. McKee, T. Frissell
Golf Sox: M. Danison, L. R. Jones, P. A. Griffin, R. O. Moneypenny, V. Damico, P. Loro, F. Hoback.

Ball Retriever: G. Meyers
Golf Hat: W. Whitaker, J. D. Gwin, C. W. Steigerwalt, W. P. Herron, R. B. Walters, A. L. Frost, T. Corrigan.

Umbrella: R. Bungard, R. Benford.

Golf Bag: N. Eastman.

Golf Putter: D. W. Masten, C. Knupp, E. Halik, H. Eyre, R. K. Bentz.

Putter Cover: D. J. James, L. Dryden, M. Harnichar.

Chipping Iron: D. H. Ramsey

Golf Gloves: W. Dean, C. Kutz, R. Rhodes, H. W. Johnson, E. O. Erickson.

Head Covers: D. L. Brick, J. T. Sullivan, J. Murray.

Golf Rubbers: C. Bungard, C. Hill, C. Chesser.

Golf Ball Trio: E. Horvat, R. Fritz, D. Jendrisak, R. Pavlick, J. Schuler.

Score Caddy: E. A. Hill, P. C. Bogner.

Shag Bag: T. T. Scott, L. Swaebly.

Charities Get \$4,771.49 From Arsenalites

RAI employees have contributed \$4,771.49 to their favorite charities during the second quarter of the year.

Their payroll deductions benefitted these agencies in the surrounding communities:

Akron-Cuy. Falls	\$723.99
UF	\$573.56
Heart	150.43
Alliance	\$280.66
UF	\$223.94
Musc. Dystrophy	11.94
March of Dimes	26.87
Cancer	17.91
Canton	\$85.76
UF	\$67.85
Heart	17.91
Newton Falls	\$619.81
UF	\$464.86
Musc. Dystrophy	24.79
March of Dimes	55.78
Heart	37.19
Cancer	37.19
Niles	\$90.28
UF	\$46.94
Musc. Dystrophy	3.61
March of Dimes	8.12
Heart	5.42
Cancer	5.42
Red Cross	20.76
Ravenna-Kent	\$1,828.73
UF	\$1,561.29
March of Dimes	133.72
Cancer	133.72
Salem	\$84.55
UF	\$84.55
Warren	\$665.89
UF	\$499.42
Musc. Dystrophy	53.27
March of Dimes	59.93
Cancer	53.27
Youngstown	\$391.82
UF	\$293.87
Musc. Dystrophy	15.67
March of Dimes	35.26
Heart	23.51
Cancer	23.51

COR Commendations



LTC James N. Payne, RAAP Commanding Officer, presents Dept. of the Army Commendation Certificates to Mrs. W. Ann Dillon, Clerk-Steno, Operations Review Division, and to Mr. James E. Simmons, QA Ammunition Inspector, for outstanding performance.

Observing the presentation are (left to right) Messrs. R. L. Barton, Civilian Operations Officer; R. D. Emerson, Chief, Operations Review Division; and Frank Battaglia, Chief, Quality Assurance Division. Mr. Simmons' certificate was accompanied by a \$200 cash award.



Receiving certificates and pins for 20 years federal service from LTC James N. Payne, Commanding Officer, are: (left to right) Mr. Walter E. Washington, Ammunition Inspector; Miss Betty A. Schilling, Accounting Technician; and Mr. Raymond E. Bard, Contract Administrator.



Awarded pins and certificates for 10 years federal service by LTC James N. Payne, Commanding Officer, are: Mr. Robert D. Emerson, Chief, Operations Review Division, and Miss Eleanore B. Seidel, Administrative Management Technician.

Miss Seidel replaces Mrs. Lillian P. Williams who has transferred to the U. S. Army Engineer District, Detroit, Michigan.

Three Retire

A Retirement Party for three RAI employees was held July 30, 1971, at the Recreation Hall.

Honored were:

James E. Sharpnack, Electric Shop Foreman, Dept. 32;

Kenneth S. Barr, Foreman of Demolition and Decontamination at Plum Brook; and

Henry V. Stanonik, Dept. 32 Plumber-Steamfitter.



James E. Sharpnack



Kenneth S. Barr



Henry V. Stanonik

FIRST CLASS

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RAVENNA ARSENAL, INC.

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Volume 111

September 15, 1971

Number 3

Highlights Of Reactivation-----1968-71

In the early part of 1968, Ravenna Arsenal, Inc. was requested by higher command to prepare estimates for reactivating LAP lines for production. By May 1, 1968, RAAP was set into motion to begin production of ammunition needed to supply the military operations in Southeast Asia.

The number of employees grew steadily and existing facilities were refurbished and modernized to meet the demand.

Load Lines were reactivated to begin producing 175 mm, 155 mm, 40 mm, percussion elements, and artillery primer types of ammunition. At peak employment, approximately 2,300 men and women comprised the working force.

First production was that of 155 mm projectiles on a temporary basis on LL 2, while LL 3 was being readied for permanent 155 mm production.

Percussion elements were produced beginning in Jan. 69. In February, the 155 mm operation was moved to LL 3.

The month of March started both the 40 mm and artillery primer production.

Production of the 175 projectile

was delayed by vendor strikes and began in September.

Some typical firsts for Ravenna were the Single Pour Controlled Cooling (SPCC) units being built directly in the melt-pour facilities. Also the Cyclic Heat Complex on LL 2 is the first of its type in the ammunition industry.

A melt-out facility was put into operation on LL 12 to salvage explosives for resale and allow the reuse of projectiles, thus effecting another saving.

Two members of the RECON Cost Reduction Committee were presented plaques for their part in contributing to a realized savings of \$1,387,000 for RAAP. The awards in the APSA Million Dollar Club were presented to them by the Commanding General of APSA, Brigadier General Peter G. Olenchuk.

Much stress on Safety at the installation brought twice to the plant the coveted Award of Honor, the National Safety Council's highest award, for the years, 1969 and 1970. The award reflects favorably on all employees for it was their cooperation in matters of safety that improved the Plant Safety record that won the awards.

In addition, the Industrial Commission of Ohio, Division of Safety and Hygiene, jointly with the Portage County Safety Council, presented to the plant two awards. One was a Group Award for the employee contribution to safety at the Arsenal; the other was a special Achievement Award for "outstanding effort and achievement by all employees in greatly reducing the accident frequency in the Portage County Industrial Safety Program."

By December, 1970, LL 2 logged over a million man hours without a lost time accident. The plant record exceeded 3 million hours.

During the reactivation, plant-wide accumulation of man hours worked without lost time accident exceeded the 1 million hour mark at three different times:

MAN HOURS w/o LTA

Aug. 69-Jan. 70. . . .1,383,137

Apr. 70-Oct. 70. . . .1,890,432

Mar. 71-Aug. 71. . . .1,000,000

In addition, LL 2 had a span of 1,000 days without a disabling injury. The plant wide record was 199 days.



Safety supervisor G. Wolfgang and Safety secretary Diane Woolard add to the plant record of one million manhours with no disabling injury set Aug. 19. This is the 3rd time since reactivation that the million mark was reached.

Ravenna Arsenal Inc. was commended in 1970 as the top plant among the Firestone Tire and Rubber Company subsidiaries for its outstanding Suggestion Program. The program was tops both in the amount of suggestions received and the total cash awards granted upon adoption.

From July, 1969 to July, 1971, there were 1310 suggestions received. A total of 278 were adopted, representing cash awards of \$12,194.00. The total tangible savings realized by the company because of the adopted suggestions were \$69,118.00.

(See HIGHLIGHTS. . . .page 2. . . .)

UF Needs You

Every year the United Fund sends out its appeal to all of us.

You may think your contribution has returned few benefits to you.

But think again.

Much research is being carried out because you care enough to give your fair share. Cancer, Muscular Dystrophy, and Heart disease research is supported in part by your UF contributions.

RAI employees have a fine reputation for generous response to the appeal each year.

This year you can make your contribution easily and conveniently—by a cash contribution or by the payroll deduction plan.

If you are not a contributor now, won't you help by joining the United Fund effort this year?

It's easy—just contact the hourly or salary personnel office.

1LT Philip L. Putnam Leaves For Vietnam

Awarded Department Of Army Citation

A farewell gathering of COR and RAI personnel honoring 1LT Philip L. Putnam, Executive Officer of Ravenna Army Ammunition Plant, was held Aug. 13 at the Recreation Hall.

LT Putnam's next assignment will be in Vietnam.

The lieutenant arrived at the Arsenal on Dec. 22, 1969. He received a promotion to first lieutenant in August, 1970.

During his assignment as executive officer, LT Putnam performed his duties in such manner as to be awarded a citation of achievement from the Department of the Army.



LTC James N. Payne (right), Commanding Officer, presents to 1LT Philip L. Putnam the Department of the Army Certificate of Achievement. Observing the ceremony is Mr. E. D. Kelly, General Manager, Ravenna Arsenal Inc.

The certificate reads:

"1LT Philip L. Putnam, Ordnance Corps, United States Army, is cited for exceptional meritorious service while serving as the Executive Officer, Ravenna Army Ammunition Plant from December 1969 through August 1971. Through a display of extraordinary initiative, perseverance, and a devotion to duty of the highest order, LT Putnam made numerous

contributions of major significance to the successful operation of Ravenna Army Ammunition Plant. LT Putnam's outstanding performance of duty and exceptional meritorious achievements were in the highest traditions of the military service and reflect great credit on himself, and the Ammunition Procurement and Supply Agency, and the United States Army."

(HIGHLIGHTS...from page 1)

Members of the APCO Fish and Wildlife Conservation Club conducted archery tournaments. Campsites for Boy and Girl Scouts and facilities for a Summer Day Camp for Retarded Children were provided by RAAP.

A brochure detailing the Arsenal's Natural Resources Conservation Program for 1969 earned the U. S. Secretary of Defense Conservation Award for the Ravenna Army Ammunition Plant. This Citation for Meritorious Achievement was ranked sixth in the nation and first in the complex of APSA facilities.

New construction at RAAP included an addition to the George Rd. Shops, which house the paint, carpenter, electrical, plumbing and machine shops. The new area is 60 x 302 feet, and is of concrete block construction.

To house the Roads and Grounds Maintenance and Repair facilities,

a completely new building of concrete block, 136 x 195, was raised across from the George Rd. Shops.

The Automotive and Truck Maintenance Center has a new addition of 60 x 182 feet, featuring a



C. W. Steigerwalt, LL2 superintendent, and R. E. Benton, general foreman (right), are proud of their line's safety record.

high ceiling, car wash, and wheel alignment facilities.

Near the Administration building, a new building featuring climate control will soon be completed. It will house the ADP and Autodin facilities.

Production halted at RAAP on August 31, 1971, as a result of the slowdown of military operations in Southeast Asia.

The installation is being cleaned up and decontaminated before being placed in standby status, ready to resume operation on short notice when needed.

(See MILESTONES...page 4...)

Soon to Retire

Ivan L. Thayer, Radio Dispatcher
Dept. 51-Oct. 1, 1971

Raymond J. Koran, Welder
Dept. 32-Oct. 1, 1971

Charles A. Reed, Foreman
Dept. 32-Oct. 1, 1971

Verne H. Vandenboom, Foreman
Dept. 32-Nov. 1, 1971

Ladies Enjoy Annual Outing

An Evening at the Races was the theme of this year's Annual Outing for RAI Women.

They journeyed by bus from RAAP to Northfield Park, Northfield, Ohio to enjoy dinner and harness racing.

The ladies enjoyed a festive dinner in the Park's Dining Room.

Their menu was Roast Top Sirloin of Beef with carefully selected salad, appetizers, and vegetables to complement the entree.

The 6th race was listed on the program as "The Women's Outing of RAI." Roni Hick, Dept. 38, and Gloria Holland, Dept. 06, presented the winning driver with a trophy.

The ladies—all 40 of them—will bet they never had a better time.

Campers Enjoy Happy Days At RAAP

LTC James N. Payne and Mr. E. D. Kelly sit in at lunchtime with some campers and counsellors.

The children brought their lunches from home each day, and many of them chose these steps on the Recreation Hall as their favorite outdoor lunchroom.

A visitor to the Happy Day workshop is intrigued by the intense concentration of the children as they gain finger dexterity while constructing useful items. The napkin-holders on the table were assembled from wooden popsicle sticks.

Unrestrained happiness...the sheer joy of tossing a big ball high into the air...and a lesson in physical coordination is painlessly learned by this youngster.

campers met with counsellors who kept them busy and happy with a variety of activities.

From July 6 to Aug. 13, the campers played rhythm games to increase their coordination, made leaf prints and napkin-holders,



Record-Courier Photo by Bob Seton

tramped through the woods, and went fishing and swimming across the way in West Branch Reservoir.

The opportunity for the youngsters to experience outdoor camping was created by an agreement between Commanding

Officer LTC James N. Payne, RAI General Manager E. D. Kelly, and the Council.

Twelve acres of wooded land with nature trails, swings, and other play facilities were set aside for the Happy Day Campers.



Record-Courier Photo by Bob Seton

Five days a week for six weeks, retarded children sponsored by the Portage County Council for the Mentally Retarded came to the Arsenal grounds to play and learn.

Under the direction of Don Bashaw of Happy Day School, the

Future Forests From "Tube Farm"

Earlier this year, RAI Forester, W. E. Backler put 300 black walnuts in biodegradable tubes, filled them with soil, and set the tubes vertically into a sand-filled pit.

The purpose of this "tube farm" was to propagate black walnut seedlings for transplanting in selected open areas in the Arsenal's forest.

Explaining that black walnut seedlings tend to grow "straight up to heaven," the forester thought his tube farm would get them off to the right start.



RAI Forester, W. E. Backler, displays a black walnut seedling and his "tube farm." The seedlings will be planted in a planned pattern in selected prepared areas.

In nature, if the young tree is bent aside, its crown will turn and begin to grow toward the sky.

The tube farm method helps set a good root system and a straight trunk from the very beginning.

A straight trunk is desirable for lumber use. The absence of knots increases the quality of the timber and makes it more valuable.

To allow the black walnut tree to grow straight and "fast", Forester Backler has planted his seedlings in openings in the woods 60 feet in diameter.

"Fast" means about 65 years to develop valuable tree about 3 feet in diameter with a log measuring about 12 feet from the ground to the lower branches.



Black Walnut trees like this mature specimen shown by Mr. Backler require planning and care to reach a size suitable for harvesting.

Black Walnut wood is highly desirable for use in expensive paneling and furniture. It is also prized for gunstocks on fine hunting weapons.

There will be some black walnut growing on the Arsenal grounds to meet the future demand.

Forester W. E. Backler's tube farm has given it a good start.



A black walnut, sprouting in a favorable open area in the Arsenal forest, produced this graceful and very valuable tree.

Is Your Safety Behavior Worth Imitating?

Children are great imitators.

They will copy your behavior with enthusiasm, and will practice it until they have mastered the things you do the way they think you do it.

Imitation by children of our habits and actions is flattering - but it can have grave consequences.

Remember, children will copy your unsafe behavior right along with the things you do safely.



Photo courtesy of National Safety Council

A kitchen, heated warmly by the many good things you are creating for the yearly family gathering, may also create a tension headache. You take a couple of aspirin to ease the pain.

While you busily whip the cream for the pumpkin pie, your growing youngster tries out your behavior for size. The dose of aspirin he takes is oversize.

The National Safety Council reminds parents that drugs, including aspirin, should be kept out of reach of children. Aspirin in large doses has been known to cause death in children.

Children need to be taught safety habits by examples set by safety-minded adults.

Practice safety when children are present. And when they are not. Make your safety behavior worth imitating.

Mini Is The Safest Skirt

Girls who wear minis seem to be safest, according to the American Medical News.

The News reports that recently a stylish miss tripped on her maxicoat, fell flat on her face, and fractured her zygoma.

(That smarts!) (Thanks to Badger World)

There is no safe way to violate a safety rule.

Error, Typographical, The

The following verse reflects the feelings of those who work with the printed word.

The Typographical Error is
A slippery thing, and sly.
You can hunt until you're dizzy
But it somehow will get by.

'Til the forms are on the presses,
It is strange how still it keeps;
It shrinks down low in hiding
And never stirs or peeps.

The Typographical Error is
Too small for human eyes,
Until the ink is on the paper.
Then it grows to mountain size!

The boss, he stares in horror,
Then grabs his hair and groans.
The copyreader drops his head
Upon his hands, and moans.

The remainder of the issue
May be as clean as it can be,
But the Typographical Error
Is the only thing you'll see.

(thanks to Bill Ritchie, Record-Courier)

Hosts And Hazards

You're giving a party. Your home is the scene. You've planned the dinner, the refreshments, the decorations, and the entertainment. You've thought of everything

But did you know that as host or hostess you are responsible for keeping your guests as safe (or safer) than they would be in their own home? (If you doubt it, check with your attorney.)

Include these safety hints from the National Safety Council for your next party:

1. Tack down loose rugs on highly-waxed floors.

2. Light up darkened stairways and steps.

3. Keep traffic areas free of clutter.

4. Warn your guests about uneven pavement or loose footing.

5. Remove ice and snow before your guests arrive.

6. Provide safe heavy ashtrays for those who smoke.

7. Let your guests relax in the safe surroundings you provide for your party.

Keep Your Employment Records Up-to-Date

Changes in marital status, dependents, address, or telephone number should be reported immediately to the Employment Department so that your Personnel Folder and other records will reflect correct and current information. Salary employees should register changes with the Salary Personnel Office.

Accurate information is very important should an emergency arise. Updating your records when changes occur in your personal statistics is necessary to meet that emergency quickly. **REPORTING ANY CHANGES IS YOUR RESPONSIBILITY --TAKE CARE OF IT TODAY.**

Your dependents have hospitalization or medical coverage only if you request this coverage by reporting them and signing a completed insurance card. The Employment Department or Salary Personnel Office will assist you in completing the insurance card.

Should you have a bond deduction and wish to make changes, you will be required to complete and sign a new bond deduction card. **NO CHANGES WILL BE MADE ON YOUR BONDS WITHOUT YOUR SIGNED AUTHORIZATION.** The Employment Department or Salary Personnel Office will prepare a new card for your signature if you advise them of the changes desired.

Any changes you desire on your deductions for income tax require your signature on the Income Tax Withholding Form. The Employment Department or Salary Personnel Office will prepare this form for your signature when you advise them of desired changes.

SMILE--and the world

will provide you with

a good reason for doing so.

Cleveland TV Presents

Fritz Neubauer, former RAI predator control warden and well-known sportsman, will discuss Conservation and Wildlife Management, Tues., Sept. 21 at 10:30 p. m. on KYW-TV's "Montage."

Service Awards

FIVE YEAR PINS	DEPT. NO.
Hourly	
R. L. Altieri	80
C. Apthorpe	32
H. Apthorpe	32
R. Brunton	10
R. Burden	13
P. G. Chipps	58
N. C. DeSalvo	13
O. L. Griffith	52
C. P. Higgins, Jr.	32
L. W. Kemp	58
J. W. Lumadue	32
L. B. McPherson	07
W. L. Miller	58
F. White, Jr.	58
Salary	
W. E. Backler	58
R. F. Dickerhoof	47

I wish to express my thanks to those who sent cards, get-well wishes, visited me, or extended any other kindness to me during my recent illness.

Florence Sutton

FIRST CLASS

RAVENNA ARSENAL, INC.
Ravenna, Ohio 44266

Other Milestones

April 30, 1968
Reactivation date. H. M. Kregel, RAI General Manager; Major W. F. Batson, Commanding Officer.

April 7, 1969
R. F. Kuntz appointed Factory Manager.

May, 1969
Major W. F. Paris II assumes command of RAAP.

Major Batson reassigned to new post overseas.

September, 1969
W. E. Montgomery appointed Factory Manager.

October, 1969
H. M. Kregel retires. R. F. Kuntz becomes General Manager.

R. L. Barton, COR staff, becomes executive assistant to Commanding Officer.

April, 1970
LL 3 breaks records for daily and shift melt pour of 155 mm projectiles. Also pack out records were upset by new daily and shift outputs. The existing records were broken in a one-week period.

APSA Commander, Colonel Peter G. Olenchuk presents Maj W. F. Paris II with APSA Savings Award for RAAP outstanding participation in U. S. Savings Bonds program.

July, 1971
E. D. Kelly arrives as new General Manager; R. F. Kuntz is reassigned to Quincy, Illinois, as Factory Manager.

January, 1971
Ravenna Jr. High students experience vocational opportunities at RAI.

March, 1971
New Commanding Officer, LTC James N. Payne, arrives at RAAP; Major W. F. Paris II is reassigned to Vietnam.

July, 1970
Portage County retarded children attend Day Camp on Arsenal grounds.

August, 1971
Shell loading halts at Arsenal.

September, 1971
Steps toward standby status are being taken.

RAI Employees Contribute To UF During Reactivation

1968-\$ 9,537.61 1970-\$23,923.29
1969-\$23,465.83 1971-\$12,803.04
(thru August)

Service Award



J. E. Carlisle, Dept. 32, has done a lot of jobs during his 10 years of service with RAI.

He has worked with Roads and Grounds, on the load lines, as a car-bracer, painter, and in the stores department. Since 1967 he has been a Plumber-Steamfitter in the pipe shop.

COR Commendations



LTC James N. Payne, Commanding Officer, congratulates ILT Philip L. Putnam and presents him his DIPLOMA for the successful completion of the Defense Procurement Management Extension Course out of Fort Lee, Virginia. LT Putnam applied a substantial amount of initiative and effort to complete the course and demonstrated a healthy interest in improving his logistics management capabilities.

MY CREED

I do not choose to be a common man. It is my right to be uncommon—if I can. I seek opportunity—not security. I do not wish to be a kept citizen, humbled and dulled by having the state look after me. I want to take the calculated risk; to dream and to build, to fail and to succeed. I refuse to barter incentive for a dole. I prefer the challenges of life to the guaranteed existence, the thrill of fulfillment to the stale calm of utopia.

I will not trade freedom for beneficence nor my dignity for a handout. I will never cower before any master nor bend to any threat. It is my heritage to stand erect, proud and unafraid; to think and act for myself, enjoy the benefit of my creations and to face the world boldly and say, this I have done.

ALL THIS IS WHAT IT MEANS TO BE AN AMERICAN.

reprinted from Firestone Petro-Chem

DEAN ALFANGE



RAVENNA ARSENAL, INC.

NEWS

Published 15th
of each month.

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