

Orienteor

DEFENSE MAPPING AGENCY AEROSPACE CENTER

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1980 Edition Old Newsboys And Newsgirls Break Record



Which one do you buy from? That was the problem facing drivers entering the 2nd Street installation main gate on Old Newsboys Day. Here Laurie Tappella and Bill Moran both make a sale when this car pool bought an edition from each seller. The morning was a record setter for the Center with the total sales exceeding \$1,500. More photos of the old newsboys and girls in action can be found on page four.

Hypertension Screening Program Started

The Medical Services Division of the Directorate of Civilian Personnel has announced a new medical service program of preventative health awareness. Starting this month, a Hypertension Screening Program will be offered to all St. Louis Aerospace Center employees.

The program is free, convenient, informative and voluntary. The screening is tailored for privacy and involves taking the volunteer employees' weight, answering some questions, having blood pressure measurement taken twice, and counseling, if needed, on diet, salt intake, smoking and caffeine usage,

exercise, sleep and stress therapy. Total time involved for the screening is 5-10 minutes.

"Whether or not you already know your blood pressure is high, low or normal, we strongly urge everyone to participate in this program," said Charlene Hardin, R.N., of the Medical Services Division.

Posters will be placed in the work areas one week ahead of time alerting employees when and where the testing will take place.

According to Nurse Hardin, "A few minutes of your time now may extend into years for you later."

Presidential Letters For Seven Employees

Seven Center employees have received letters of recognition from President Carter for suggestions they had made that resulted in significant cost reduction to the federal government.

Wallace Erwin, Raymond Hric, Michael Perkins, (CD); Michael Ronshausen, (SD); John Seiffert, Clemens Winkler, (GD), and David Shea (retiree), all received letters signed by the president.

The letters stated, "Higher productivity is vital to the social and

economic well-being of our Nation. Contributions such as you have made support my conviction that Federal personnel can play a major role in improving government service.

"I hope you will continue to look for ways to better our government, while at the same time reducing costs to the American taxpayer."

The awards were presented on behalf of the president by Center Director, Col. Robert Burns, in special ceremonies Nov. 26.

Good News

Ten Feet Tall

The expression "ten feet tall" is often used to describe the

by James Mohan

They arrived before the light of

employees combined to set a record. The total amount collected

\$164.34.

Besides a record year, this is the

They arrived before the light of dawn. Quickly they fanned through the area to their appointed stations. In the cold they checked and rechecked their supplies and equipment. As they stood there waiting each silently repeated their motto "they shall not pass." There was only a handful of them, 29 to be exact, against hundreds but they were ready. Hours later, when it ended, they had their greatest victory.

So it went with the Aerospace Center's 19th "Old Newsboys Day" campaign. The efforts of the newsboys and newsgirls and the generosity of the Center's

cord. The total amount collected was \$1,510.30. This amount bested the \$1,457.00 collected in last year's drive and topped the previous record of \$1,460.50 set in 1977.

The Second Street volunteers collected \$994.21 while the South Annex did \$415.57 worth of business. This broke South Broadway's previous personal record set last year, by more than \$95.00. At two outside locations \$100.52 was gathered.

The top old newsboy was Col. Robert C. Burns while Paulette Martin was the number one old newsgirl and the all around selling champ, personally collecting

Besides a record year, this is the first time that the Aerospace Center has been represented outside the St. Louis area. Bernice Hendricks, a former employee and the Aerospace Center's first old newsgirl, sent along her donation all the way from California.

Old Newsboys Day, now in its 19th year at the Center, has raised over 14,000 dollars that is distributed to various children's agencies throughout the St. Louis area. The money collected has gone toward the purchase of clothing, playground equipment, wheelchairs and other needed items.

CPR Skill Tested Quick Reaction Saves Life

"I had often wondered, if it ever happened, would I be able to react properly and not panic," said James Donahue, CDCBD.

Donahue was talking of his ability to react to an emergency by using his training in Cardio Pulmonary Resuscitation (CPR) that he had received at the Aerospace Center. But when the time came, "I didn't even think about it, I just did it," said Donahue.

His CPR training was tested recently while he was attending St. Sebastian's Fall Festival. He noticed the local fire department had driven up on the parking lot and went out to see what happened. An elderly man, probably in his late seventies, was lying on the ground.

"Someone had placed a coat under the man's head and of the three firemen at the scene, not one of them was responding in the way we were taught to respond," said Donahue. "I don't know if they panicked or weren't properly trained, or what," he said.

Donahue quickly felt for a pulse and then told the firemen to get the coat out of the way because it was restricting the victim's breathing. He began to administer chest compressions while a nurse, who was in the crowd of people, did the resuscitations.

After a few minutes, the local paramedics arrived, but let Donahue continue with the CPR until they had their equipment set

up.

"I guess I worked on the man for about five or six minutes," said Donahue. "But I felt what little bit I did contributed because I felt I may have at least prevented brain damage by pumping blood to the brain."

When the paramedics took over, they continued CPR for another twenty minutes and then took the victim to the hospital. Donahue later found that the man had suffered a massive heart attack, and was in intensive care with life support equipment.

When asked how he felt about the incident, Donahue replied, "I felt good about knowing I had CPR training and that I was able to do something to help."

The expression "ten feet tall" is often used to describe the emotional state of an individual who recently has accomplished a great feat; succeeded in achieving a major goal in life; or perhaps is the recipient of good news. If you're an employee of the Aerospace Center you have a right to feel "ten feet tall." Why?

Let's take a look - during the last two months the employees of the Aerospace Center have made significant contributions to the health and welfare agencies which serve the community. These contributions were made through the Combined Federal Campaign and for the 10th straight year exceeded the goal set by the East-West Gateway campaign committee. A goal which has steadily increased.

This year the goal established was \$144,000. The collections amounted to a record setting \$167,000. Certainly, reason to walk tall.

The Kansas City Office, which contributes to the Kansas City area CFC, also exceeded their goal of \$8,626 for a grand total of \$9,852. More reason for a good feeling.

But just record setting (a way of life at the Aerospace Center) may not be enough to provide significance to the achievement. Let's do some comparison. In the St. Louis area the Aerospace Center contribution by far exceeded the contributions of other federal agencies with the exception of one - Scott Air Force Base, with a population nearly four times that of the Center. Within the Defense Mapping Agency our sister production Center, the Hydrographic/Topographic Center at Brookmont, Md., also exceeded their goal (\$72,000) and collected a total of \$75,000, the largest amount they have collected in the history of their organization. The last time the Aerospace Center had a goal of \$72,000 was in 1975. Another reason to stand tall.

As if the CFC was not enough, the generous employees of the Aerospace Center continued their community service gestures on Nov. 18 when they set another record. This time it was the \$1,510 collected in the Old Newsboys Day drive that exceeded all previous amounts recorded in the Center's 19 year history with the special day. Feeling taller?

And now the holiday season is upon us and employees are already working on their special projects to bring food, clothing, money and most of all, happiness, to the needy during the Yuletide season.

If you feel "ten feet tall" the feeling is deserved. And if you listen very closely to the wind you may hear the thousands of voices saying "Thank you."

AD Contest Winner; Digitizer of Year



Some people have a "fast draw" contest but at the Aerospace Center's Aeronautical Information Department the contest is for the "fastest digitizer." In the First Annual Digitizer of the Year Contest the co-winners were Steve Prokasky (left) and Randy Pratt (right). The contestants were required to digitize some of the most difficult instrument approach plates that are published by the Center for the European area. Judging, done by Tom Bowes, chief of ADABA, was based on time and accuracy. Tom also had the honor of presenting the trophy.

Center Combines Recruitment Talent With USGS

The Aerospace Center recently combined its recruitment talent with the USGS National Mapping Division, Rolla, Mo., to help acquaint women with the benefits of a cartographic career. The occasion was the Women's Career Convention held during late October in St. Louis. Since booth space was limited the Center combined with

USGS to present an exhibit and information on the two organizations and the career fields available. The exhibit was prepared by the Aerospace Center Graphic Design Branch. Representing the Aerospace Center were (left to right) Karen Blum and Elaine Schlueter of Civilian Personnel. Don Beasley and Rhonda Stout represented USGS.

CWC To Sell Candy

The Civilian Welfare Council (CWC) will again be selling Russell Stover and See's Christmas Candies for the holidays, according to a Council spokesperson. The Council is selling the candy at a discount to Center employees as a non-profit venture, and strictly as a service to employees.

The candy will be sold to first-shift personnel on Dec. 16 and 17 from 11:00 a.m. until 12:30 p.m. at both Second Street (Bldg. 36, first floor, across from the Credit Union) and South Annex (across from the cafeteria).

Second-shift personnel can purchase candy on Dec. 16 from 4:00 to 4:30 p.m. at Second Street, and third-shift personnel on Dec. 17 from 6:00 to 6:30 a.m., also at Second Street.

Some of the items for sale will be a 2¼ lb. gift box; satins & chips; fruit cakes; assorted chocolates; nuts and chews; soft centers; peanut brittle, salted nuts, almond clusters; toffee-ettes; and a Santa Box.

NFFE Party

A Christmas party and meeting for NFFE Local 1827 will be held Friday, Dec. 12 in the Aerospace Center Dining Hall at 7:00 p.m. for members of the Union and their families. Santa Claus will be there with gifts for the children under 10 years of age.

Two Military Cited For Distinguished Service



Lt. Col. Gerald Carlton, director of Administration, pins the Joint Service Commendation Medal on SSgt. Gary W. Cooper. TSgt. Charles H. Keeler (center) was just presented the Air Force Commendation Medal (First Oak Leaf Cluster).

SSgt. Cooper was cited for outstanding service in support of the North Atlantic Treaty Organization and Allied Command Europe while serving as a telecommunications center specialist for HQ Communications Squadron, Allied Forces Northern Europe, during the period of June 1976 until July 1980.

TSgt. Keeler was cited for his service as a law enforcement instructor, 18th Security Police Squadron, Kadena Air Base, Japan, from April 1977 until March 1980. During this period, Sergeant Keeler's instructional techniques and supervisory skills proved indispensable and resulted in major contributions to the effectiveness and success of the unit's training program.

Routes To Fuel Economy

Conservation of fuel has become



In Sympathy

Robert M. Simpson, an aeronautical information specialist in ADDSD, was killed in a car-train accident on Nov. 25.



He had been at the Aerospace Center since April 1952.

He is survived by his wife, Marilyn.

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Col. Robert C. Burns
Director

David L. Black
Chief, Public Affairs Office

Nancy Brannon
Editor

Conservation of fuel has become very critical and initiatives to save fuel cannot be overemphasized. If you're a typical driver, your car travels more than 11,000 miles per year, consumes nearly 800 gallons of gasoline annually (just over two gallons per day), has an average fuel economy rating of 14 to 15 miles per gallon, and costs more than \$1100 per year for gasoline alone (about 10c a mile)!

The following article is part one of a four part series on steps you can take to use your vehicle more efficiently and by doing so cut gasoline consumption and also save several hundred dollars per year.

-Trip Planning Techniques-

If you're like most drivers, you'll make about 1,400 trips this year. Your automobile expenses will represent about 15% of your household's total expenses. With minimum effort, you can plan for more efficient travel and save gas, time, and money.

The Short Trip

Every day, the most frequently made vehicle trip is only one mile long. Trips of five miles or less make up 15% of all miles driven every year. But these 15% of all miles driven yearly consume 30% of all gasoline used by automobiles.

Why are short trips so expensive and so fuel inefficient?

The Cold Start and MPG

A vehicle operating from a cold start, say on a four mile trip, will

probably achieve only 20% of the fuel economy possible after all parts of the vehicle are warm. That means if your car is capable of 20 mpg, you may get only 4 mpg under cold start/short trip conditions.

Cold starts impose a heavy fuel penalty on your mpg for several reasons. When your tires are cold, they resist motion. Tire resistance decreases only after you've driven your vehicle for a while. Engine lubricants are designed to reduce resistance. They perform best only after they have warmed up. All the parts of your vehicle resist motion at first. So all your vehicle parts must be lubricated properly. This occurs only after resistance is lower - after you have driven your vehicle about 15 miles.

If you combine several short trips into one longer one, you can diminish cold start penalties. Your initial fuel inefficiency could be offset by the average mpg achieved by using your vehicle for one longer trip, where your car can reach its maximum potential for fuel efficiency.

Vehicle Idling

The relationship between vehicle idling and fuel economy is misunderstood by most drivers. A 30 second warm-up, followed by operating at slow to moderate speeds, is what's best for fuel economy. Few of us ever think of the fact that when a vehicle is idling and not moving it's getting its worst fuel

economy - 0 mpg. A good rule-of-thumb is this: if the engine is warm and you expect to idle 30 seconds or more, it's more efficient to turn the engine off and restart it when everything is ready to go. Idling can save gas if you take your foot off the gas pedal the moment you expect to slow down or stop. Lift the throttle to idle speed and coast. Your vehicle's momentum will generate the speed you need to drive safely.

Combine Trips

The more trips you can combine, the more you can save. When you combine trips, you'll reduce two big gas eaters, cold starts and operating a cold vehicle. You save gas because the car's parts have time to warm up; stay well lubricated for 15 to 20 minutes after individual stops; and stay warmed up for three to four hours after stopping. If the trip is well planned, you will drive fewer miles.

How to Combine Trips

You can combine: trips that need to be made in the same time period, e.g., the morning; trips to the same general area or in the same direction; and trips that can be plotted on a round trip course. If you can combine your trips: you'll spend less time behind the wheel; you'll find that some trips aren't necessary at all; you'll drive fewer miles to meet your travel needs; and everything will get done - but at a lower cost.

(Continued on page 4)

Holiday Safety Is Everybody's Responsibility

Graphic Arts Department Lights Light At End of Tunnel

The Graphic Arts Department management may well have accomplished what others are still seeking -- the elimination of the "dead end" job.

Lighting the light at the end of the career progression tunnel actually started in the late 60s when a voluntary on-the-job training program was established within GA that sought candidates for training and cross training into higher paying job fields. While this program was a step in the right direction it was limited to the confines of the department. The activity of the program was lessened during the early 70s because of non-availability of vacancies.

In the late 70s things began to change. It was apparent to department management that an expanded career program was needed to meet anticipated production increases and vacancies caused by increased attrition. The result of a 1978 study was the implementation of the GA Promotional Opportunity Program. This new program was designed to provide a continuous

advancement opportunity for employees of the department and also provide job opportunities for skilled and unskilled employees of other Center elements and the general public.

"GA found the new program benefits both the employee and the department," commented Don Gorris, GAT. "Employees have the opportunity to advance within the department as well as receive cross training, where needed, into various skill areas to increase advancement opportunities. GA has developed combination jobs, such as photo/plate, which allow for flexibility in assignment based on work load."

This two job concept is tailored to programs in the private sector which have been developed for improved management and economy.

The Promotional Opportunity Program covers all the divisions within the Graphic Arts Department and the combination positions have been designed to allow flexibility between the production areas. Combinations included photo/

plate, warehouse/bindery and bindery/press.

Rather than use available skilled labor from the federal employment registers, the department designed the program to provide in-house personnel advancement opportunities and as such allows for entry level positions in which the skill could be developed under a training program. The program assists the employee in achieving the journeyman level of performance in a two year period. This tactic has opened major opportunities for individuals from diverse backgrounds to become a part of the progressive thinking Graphic Arts Department.

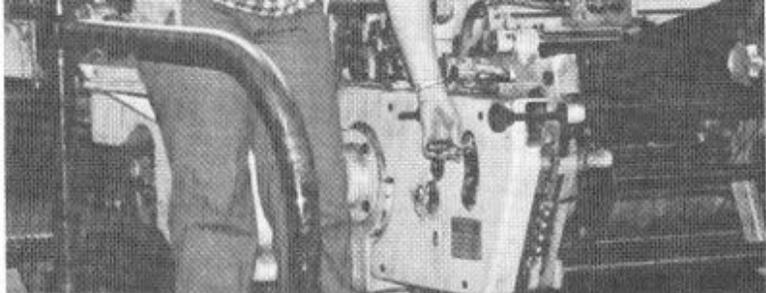
Applicants have come from production clerk positions, custodians, word processing, roads and grounds, secretarial, guards and mail room workers to list a few. Some of the 33 persons currently involved in the training program have come from internal hire, cross training within GA or from dead end jobs in other Center elements, while others have come from the public work force through the Veterans Rehabilitation Act Program or the Handicapped Program.

Because of the program's benefit to the agency's Equal Employment Opportunity Affirmative Action Program the Graphic Arts Department chief, Otto Stoessel, was presented the DMA EEO Award in 1979. The Promotional Opportunity Program, through its training aspects, has also opened a traditional man's world to women. Out of the 33 involved 9 are females. So significant was the breakthrough, Stoessel was recently nominated for the St. Louis Metropolitan Federal Women's Program Award for



Gail Brown peers through a glass to inspect a plate while Brenda Bivens watches the inspection. Both are training in the plate/photo combination jobs of GA. Gail was previously a production clerk; Brenda worked as a freight rate assistant.





Kathy Allen is at the beginning of her learning process but already is finding her job fun and challenging. In her bindery / press combination position she became the first woman in the press room.



Gary Lackey was a custodial worker and Diane Calloway was a secretary before they caught the "GA fever." Now both are working with the large litho camera in the photo/plate combination jobs. Gary said, "This is an excellent program and I wish other departments could get involved in a similar program."

for the St. Louis Metropolitan Federal Women's Program Award for his efforts to, "... provide to female employees the maximum opportunities available within the Graphic Arts Department."

Why does one decide to leave a job to try for another in an unfamiliar field? When the Orientor asked some of the employees involved in the program that question the answers ranged from a religious experience to job satisfaction and more pay, the latter drawing the largest response.

Richard Ballentine was a publications clerk and now works a combination bindery/press position. He said, "Before, I was at the point where I hated to come to work. I had been in my other position for 10 years and was at the top of my grade. My new job is fun, and I'm glad I got the chance to do it."

Another individual who was pleased with the job was Kathy Allen, the first woman in the press room. "People are very helpful. It's a good feeling to know that you might be going somewhere if you work hard enough." Kathy was previously a lead operator for word processing. "I was in a dead end job and wanted to try something different." The something different was into a world traditionally open to men only, but for Kathy the entrance has been smooth.

Charles Smith was a WG-3 with Roads and Grounds when he entered the training program. "I applied for the job because I wanted to get a better position and it was a chance to advance and move a little higher," said Smith. "I was in a dead stop where I was at,



Charles Smith (foreground) and Shirley Poucher came from completely different types of employment to their new jobs in warehouse/bindery. Charles was on the Roads and Grounds crew while Shirley was a member of the Center's clerical force.

now I can go to WP-14. I am also learning a trade."

For Gail Brown the decision to enter the program was the result of a religious experience. Now that she's working in the plate/photo area she offers this advice. "I would advise anybody that can have a chance to get into the program to jump in it. This program is the fastest moving thing at DMAAC."

Diane Calloway, who moved from the secretary steno area to plate and photo, agreed with Gail. "I applied for the job because I thought it would be a good opportunity for advancement and I thought I could handle the job because no previous experience was needed."

According to supervisors in the program, the trainees are fulfilling expectations and more. One supervisor commented, "Under the program the trainees are eager to learn and willing to work because, like all of us in GA, they can see opportunity ahead."

The light at the end of the tunnel has definitely been turned on and is not only glowing but increasing in intensity in the Graphic Arts Department.



For Raymond Patt the Graphic Arts Department Promotional Opportunity Program meant a steady job. "Before I was working in construction and was out of work most of the time," Patt said. He was hired through the Veterans Readjustment Act as a woodworker.

1980 Newsboys and Girls



Second Street old newsboys and newsgirls were, front row, left to right: Priscilla Briggs, Dottie Herchart, Jaunetha Cade, Carole Goss, Dottie Johnson, Laurie Tappella and Nancy Reiser. Back row, left to right: Tommy Thompson, Vernon Charleston, Col. Robert Burns, Dr. Mark Macomber, Donald Riggs, George Shalhoob, Maj. Robert Cates, Bill Moran, Henry Bauer, Frank Aufmuth and Gus Allard.



Hawking papers at the South Annex were, left to right: Paulette Martin, Richard Rapp, Lee Ann Bartley, Al Wuencher, Beverly Engler and Lt. Col. George Plocek, Defense Fuel Region.



Men's Basketball League

On Nov. 19, Fast-Breaks continued their outstanding play with excellent second half defense to defeat Mike & Min's 73-26. Mahlon Pleasant and Art Bennett led the second half defense while Lee Fuqua led the offense with 28 points.

Mike Kuhnline scored 20 points to lead the Gorillas to its first victory of the young season over the Minutemen 61-35. Pat Lynch and Gordon Johnson scored 12 and 10 points respectively for the Gorillas.

In a hard fought game, M. G. Bumpers dropped the Bruins from the undefeated ranks with a 47-43 victory. Gary Brown paced the winners with 20 points while Stan Allen scored 16 points for the Bruins.

The Hollywoods won their second game of the season with an easy 47-31 victory over the Rookies. Alan Kerkemeyer and Robert Bryan pumped in 13 and 10 points respectively for the Hollywoods. Chris

Niewold scored 14 points for the Rookies.

In a classic battle between two undefeated teams, Thurmurs defeated Tom & Jerry's 57-56 behind key baskets by Don Tuttle and Don Duncan. The scoring honor for the game went to Sam Scearce (24 points) of Thurmurs as he out-duelled Tom & Jerry's Thales McReynolds (22 points).

Standings Through Nov. 26

Team	Won	Lost
Thurmurs	4	0
Fast-Breaks	4	0
Hollywoods	3	1
Bruins	2	1
M. G. Bumpers	2	2
Tom & Jerry's	2	2
Gorillas	2	2
Minutemen	0	3
Rookies	0	4
Mike & Min's	0	4

--Chuck Arns

Co-ed Volleyball Standings

Division A	Standings Through Dec. 2		Division B	Won	Lost
	Won	Lost			
Knetknockers	19	2	Good, Bad & Ugly	16	5
Leftovers	17	4	Mickey's Tavern	15	6
12 Paks	16	5	The Volley of the Dolls	13	8
Out to Lunch Bunch	14	7	Golden Spikers	13	8
Baker's Dozen	14	7	Chinese Sandpeople	12	9
Serving Line	12	9	Sugar Daddies	9	12
Ziegfield's Volleys	8	13	Network	8	13
High Ballers	7	14	Mack Attack	7	14
V O Volleyers	7	14	Uneven Odds	7	14
Lynch Mob	6	15	Up For Grabs	5	16
Renegades	5	16	Chivas Regals	1	20

Routes To



Selling at two outside locations were: (left to right) John Hopkins, Joseph Statum and Carol Julian - Lindbergh at St. Jean; and Bill Kolnik - Kingshighway and Fyler.



Fuel Economy

Continued From Pg. 2

Route Selection

Route selection applies to all trips. When planning your routes, you should minimize your stops and maintain fuel efficient speeds. If necessary extend your route to avoid stop lights, traffic tie-ups, and stop-and-go driving situations. It's better to drive a slightly greater distance if you can drive smoothly and steadily in a fuel efficient speed range.

cycle can be especially efficient for short single purpose trips. Many personal and work objectives can be met with a phone call. Call ahead to see if people are available or that stores have what you want. Use scheduled deliveries. If there's no real hurry, why worry about picking up and/or delivering something yourself? Shop by mail. More and more people are shopping with catalogs and doing business by mail. Often you can place your catalog order by calling a toll free number.



→
Jaunetha Cade, SD, didn't let very many people get by her location in the Second Street installation "I" parking lot without buying a copy of the paper.



Vehicle Loads

Cargo and passenger weight affect fuel economy. Weight causes mpg to drop. In fact, every 100 pounds of weight can penalize fuel efficiency by 3 to 6%. It's also important to use the right vehicle for that load. A station wagon isn't built to carry one person fuel efficiently. A compact wasn't designed to pull a trailer. Loads should be carried inside the car - not outside - to reduce drag. Dead weight (the snow tires in your trunk) penalizes fuel economy mile after mile.

Sharing Rides

Statistics indicate that few people think of sharing rides. In fact, studies show that more than 73% of workers drive alone. You may enjoy riding to work alone at times, but you could save substantially by sharing rides just two or three times a week. You can also share rides while you're doing family business or on your way to a social event. You'll save on fuel costs, parking fees, vehicle maintenance and tolls. Ride sharing has other benefits. As fewer vehicles use the roads, look for a reduction in congestion as well as in air and noise pollution, and a reduction in time it takes to drive from one point to another, particularly in densely populated areas. People who ride share get the best return on their transportation investment.

Lt. Col. George Plocek, of Defense Fuel Region Office at 8900, is the first member of a tenant unit to participate in Old Newsboys Day. He said, "I'm a country boy and always wanted to sell papers. This was my chance."



Perhaps the most fun of all on Old Newsboys Day is counting the collections. Center Director, Col. Robert Burns, seems to be enjoying himself as he "counts the take." No matter how hard he tried his total was still a few dollars behind top seller, Paulette Martin, LO.