

Come to the Picnic!

The Event: The Second Annual Aerospace Center Picnic
The Place: The Parade Grounds at Second Street
Date: June 12 Time: 10 a.m. to 10 p.m.
Dress: Casual Admission: Free

It's an invitation that is hard to refuse and picnic planners are hoping all employees (past and present), their families and friends will accept.

Just like last year, there will be something for everyone at the picnic. Sporting events, musicians, clowns, games and special exhibitions are just a few of the day's featured events.

Game booths testing luck, skill and chance will line the picnic midway. The Civilian Welfare Council will operate the following booths from 12 noon to

4 p.m.: Teddy Bear Ring Toss; Pitch Till You Win; Bumper Cars; Dart Balloon; Goblet Coin Toss Game; Lollipop Tree and Pen Game; Tip the Cat; and Cage-Em. In addition, DA will operate Cork Gun Target Game.

Two other popular attractions from last year are returning. The first is NCO Association Dunking Booth, which was a big hit last year. Center Director, Col. J. W. Small and Deputy Director, Col. Harold T. Boe are featured attractions in this year's booth.

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Aerospace Center Named Employer of the Year

The Aerospace Center was one of two organizations to receive the Employee of the Year award from the Greater St. Louis chapter of the National Rehabilitation Association.

The award was presented during the chapter's annual meeting at the Top of the Sevens in Clayton May 18. To receive the award, the agency must hire one or more handicapped persons and "show a sincere effort in understanding the

according to Helen F. Johnson, coordinator for the placement of handicapped employees at the Aerospace Center. The other organization to receive the Employer of the Year award was Goodwill Industries. There were also client of the year, rehabilitation facility of the year, and individual leadership awards given. The Center was the only Federal agency to receive an award at the ceremony.

Orienteer

DEFENSE MAPPING AGENCY AEROSPACE CENTER

Vol. XXIV, No. 12

June 4, 1982

Eleven from AC To Receive DMA Awards in Washington



Payne



Wall



Dills



Edwards



Jackson



Wallace



Graves



Valska



Rogers



Breville



Dolan

Eleven Aerospace Center employees will be honored in Washington June 18 at the ninth annual Defense Mapping Agency Awards Day ceremony, to be held in the Capitol Ballroom of the Bolling AFB Officers' Club. In addition to the employee awards,

million. Critical products, such as cruise missile production, that should have cost 372 man-years were produced with 297 man-years of effort. "These achievements would not have been possible without the leadership of Mr. Wall and his ability to sell and im-

support to three nuclear and two conventional cruise missile programs. His personal knowledge of the various cruise missiles is undoubtedly the broadest of any single individual in the Defense Mapping Agency, according to supporting documentation.

employee's needs and vocational potential."

The Aerospace Center has hired 17 handicapped individuals through referrals from the Missouri Division of Vocational Rehabilitation since January 1980,

AC in St. Louis Business Fair

The Aerospace Center is one of hundreds of business and government organizations taking part in the St. Louis Business Fair - "Discovery '82" held yesterday and today at the Convention Center.

The Fair is sponsored by the St. Louis Regional Commerce and Growth Association, the Federal Executive Board, Administrative Management Society, Information Word Processing Association and the Sales and Marketing Executives of St. Louis. Designed

Management Moves

Recent management actions have included the move of Clay Ancell from PRRN to GDL replacing the recently promoted Robert Lewis and the announcement that Glen Mulkey will take the PRRN slot vacated by Ancell upon returning from the War College.

In other action James Skidmore from the headquarters Programs, Production and Operations Directorate has been selected to fill the position vacated when David Premer left PPG to become chief of the Geopositional Department. Bill Hogan will temporarily fill the PPG position until the arrival of Skidmore.

William R. and Reagan has declared 1982 as the National Year of Disabled Persons, calling on citizens "to join in mutual efforts to assure all disabled Americans full and active participation in our society."

to acquaint business executives with all types of business and industry available in the metro area, the Fair is expected to draw between 8 and 10,000.

The Center is represented at the Fair by members of the Contracting Office and the Directorate of Facilities Engineering. Participation for the Center has a three-fold purpose: to better acquaint the business community with the mission of the Center; to identify additional sources for the supplies and services procured by the Center; and to provide prospective contractors with information they need to know so they might compete for government contracts.

Participating in the Fair on behalf of the Center are: John Duckworth, LOC; MSgt. Keith Lorence, LOCW; Toni Hansen, LOCM; 1Lt. Hildred Pepper, LOCV; Lillian McKeever, LOCM; Robert Wolverton, FEE; and William Lamfers, FEE.

Hq. Selections

Announcements of recent promotion actions include two employee moves to DMA Headquarters. Selected were Bob Lewis, GDL to GM-15 position at DMA Hq PPA and Shirley Sostman, GDL to GM-14 at DMA Hq PPS.

The Aerospace Center as a whole will be honored with the DMA Effectiveness/Productivity Award.

Awards will be presented to Aerospace Center employees as follows:

The **DMA MERITORIOUS CIVILIAN SERVICE AWARD** will be presented to Charles R. Payne Jr. and William P. Wall.

Charles R. Payne Jr. is DMA deputy program manager for the NAVSTAR Global Positioning System with duty at Los Angeles AFS, Calif. Among his duties, he has major responsibility for establishing the operational control segment of the NAVSTAR GPS, a segment whose costs were expected to exceed \$100 million, with IBM being the prime contractor. In this capacity he played a key role in monitoring contract satisfaction and in keeping this segment from being the pacing problem in the overall project. Due to his technical understanding and persuasive ability, he also saved DMA several hundred thousand dollars by re-engineering a control segment interface and persuading the JPS joint program office to allocate contingency funds toward costs associated with the interface.

"Mr. Payne has been assigned many extremely challenging assignments and has performed brilliantly on each of them," supporting documentation said. "He combines, to a rare degree, individual technical competence and general managerial abilities."

William P. Wall, as chief of the Geopositional Department, was responsible for a productivity gain of 20 percent in the department that saved DMA an estimated \$1.8

million new concepts to the Geopositional Department work force," supporting documentation said. "His recognition of subordinates and encouragement of their performance are highly noteworthy. He is truly an outstanding participative manager, who is at his best in bringing personnel to meet the digital data challenge."

The **OUTSTANDING PERSONNEL OF THE YEAR AWARD** will be presented to Lt. Col. Jack C. Dills, USAF, Robert G. Edwards, Andrew A. Jackson and Mildred H. Wallace.

Lt. Col. Jack C. Dills, USAF, is the requirements program manager with ultimate responsibility for Aerospace Center

Aerospace Center Wins Award

In addition to its eleven employees, the Aerospace Center as a whole will be honored with the DMA Effectiveness/Productivity Award at the ninth annual DMA Awards Day ceremony in Washington June 18.

The Effectiveness/Productivity Award is presented to the DMA component with the largest validated dollar savings for the fiscal year, resulting from employee suggestions, compared to the component's total fiscal year budget.

During fiscal year 1981 tangible benefits from suggestions at the Aerospace Center totaled \$124,645. There were 40 suggestions with tangible benefits for an award total of \$9,800.

Lt. Col. Dills devotes tremendous energy to his work, frequently working 12-14 hours a day with system operators from overseas locations to take advantage of their limited availability. This mission orientation is contagious and appreciated by the entire cruise missile community. His openness and honesty allows him to work productively with everyone. The quality of his performance and the contributions he has been able to make to the nation's defense through working the cruise missile programs uniquely qualifies him for the Award."

Robert G. Edwards, program manager in the Directorate of Programs, Production and Operations, performed an invaluable service in formulating and readjusting resources and manpower that enabled the Aerospace Center to meet demands for operational source materials and precise positional data. He deserves "special recognition for efforts and foresight demonstrated toward satisfying future commitments," the citation said.

Andrew A. Jackson, chief of the Data Base Management Branch in the Scientific Data Department, was cited for the exceptional accomplishments of his branch. Under his supervision, the branch greatly exceeded program goals, despite a high turnover in personnel and constantly changing due dates. At the same time, the branch exceeded quality control standards, while overtime was minimal.

Mildred H. Wallace, employee relations specialist for retirement

Continued on page 2



Fire Fighting

Employee Alice Stanford puts out a fire with a CO2 extinguisher during annual fire extinguisher training as safety specialist Jim Bell coaches. More than 150 employees gained hands-on experience in the use of fire extinguishers during one of the four sessions held at Second Street and South Annex this year. The training included a demonstration of types of extinguishers, including the new halon portable extinguishers that have been ordered for the computer areas. The training is intended for employees who have been appointed as fire and safety representatives for their work area, though supervisors are encouraged to let others participate when possible. "It's the only opportunity that many people will have to get hands-on experience in the use of fire extinguishers," Debbie Mays of the Fire Prevention and Safety Office said.

Even Employees from AC To Receive DMA Awards

Continued from page 1
and death benefits, has demonstrated a level of personal involvement clearly above that required, supporting documentation said. "She has worked untiringly to ensure that what for many employees is their last

derive the equations from basic formulation, then develop the necessary software to perform the computations, debug the software, and design test cases to demonstrate that the results of the program were realistic and accurate for anticipated scenarios

agreements, supporting documentation said. "This has primarily been accomplished through his judicious use of tact, diplomacy and persuasion." In addition to the numerous telephone calls he has made and letters he has written, he has also performed

the unforeseen happens to them."

A COMMENDATION FOR THE GREATEST NUMBER OF SUGGESTIONS ADOPTED throughout DMA will be presented to James J. Dolan, a cartographer

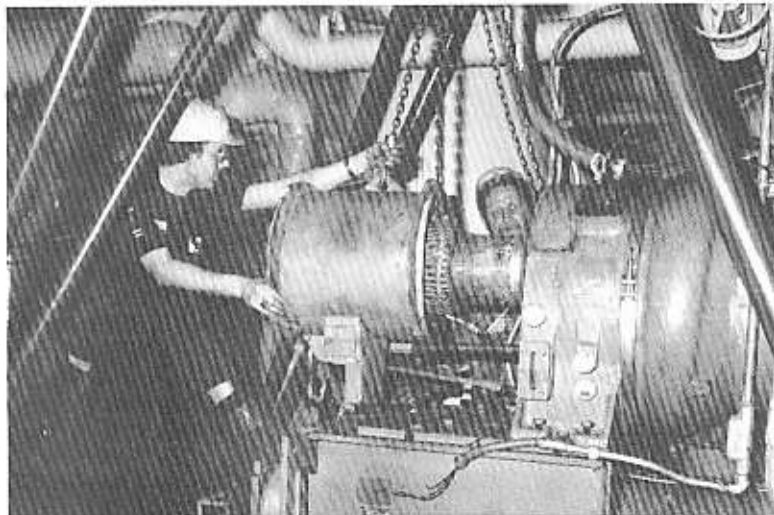
Keeping AC Cool: A Tall Order

Multiply the amount of energy it takes to cool your home by 1,000 and you will have a rough idea of how much energy it takes to provide air conditioning to the people and equipment of the Aerospace Center.

According to Maj. Richard A. Bauman, chief of Operations and Maintenance in the Directorate of Facilities Engineering, some 4500 tons (12,000 British thermal units equal a ton) of energy are required to air condition all St. Louis facilities of the Aerospace Center at any given moment on a typical day during air-conditioning season (mid-April to mid-October). The average home takes between 3 and 4 tons of air conditioning.

Of course air conditioning at much of the Aerospace Center is performed year round, seven days a week, 24 hours a day to meet the temperature and humidity requirements of sensitive computer equipment.

To accomplish this gigantic task, the Aerospace Center relies on a complex air conditioning system, monitored by computer, and maintained from the basement of Building 36 by a team of air-



Air conditioning mechanics Terry Graham (left) and Lawrence Bratcher swing a motor housing back into place after performing annual maintenance on one of six air compressors that supply compressed air to air handling units in Building 36.

conditioning specialists.

The 19 personnel responsible for operation and maintenance of the system are assigned to the Air Conditioning and Refrigeration Section (FEMBA), Ed Roberts, foreman, and Robby Sportsman, work leader. Four of the personnel work as operators and 13 as

mechanics, who perform all of the maintenance required by the system.

The shop is responsible for operation and maintenance of two chiller plants—one in the basement of Building 36 and one in Building 40, plus smaller air conditioning systems in other buildings at Second and Arsenal, South Annex and the military family housing in Jefferson Barracks.

The system that serves Building 36, consisting of the chiller plants in the basement and in Building 40, supplies 2,200 gallons of chilled water per minute to nearly 200 air handling units, according to Curt Martin, foreman of the Heating, Ventilation and Air Conditioning

perience with the Defense Mapping Agency is also an experience that is positive and personal. Her professionalism and compassion in dealing with sensitive situations, which so critically affect employees and their families prior to and during retirement and upon the death of a family member, have been of truly significant assistance to those involved. She is held in high esteem and affection by employees, supervisors, retirees, family members and co-workers."

The **SPECIAL ACT AWARD** will be presented to Leland Graves Jr. and Robert W. Valska.

Leland Graves Jr. was cited for his role as the key individual in the Geosciences Division for planning the delivery, installation, and augmentation of the division's Weapons Support System (WSS). Among his contributions, he researched the characteristics and capabilities of the computer system's components and developed plans for augmenting the WSS, which required additional research and writing justifications and specifications to procure the additional hardware. "His foresight and ingenuity were chiefly responsible for the successful start-up of the WSS in the Division and for laying the foundation for an expanded system to alleviate much of the computer logjam currently affecting timely response to geodetic and geophysical applications."

Robert W. Valska, a supervisory geodesist, developed a large-scale computer program to evaluate aircraft inertial navigation systems. In doing this, he had to

During the same period Valska made significant contributions in performing his supervisory duties within the Weapon Systems Analysis Branch, aiding in the development of performance standards as required by the Civil Service Act of 1978.

The **AWARD FOR ACHIEVEMENT IN EEO** will be presented to Irvin E. Rogers, chief of the Aeronautical Information Department, for establishing viable alternate vehicles through which the skills needed to qualify as an aeronautical information specialist can be developed. More than 40 individuals participated in either of two alternative career development programs that were developed, including 38 who were female and/or black. Nineteen of the participants had competitively progressed to the GS-11 journeyman level by the end of the fiscal year.

The **DMA HANDICAPPED EMPLOYEE OF THE YEAR AWARD** will be presented to Gerald L. Breville, a geodesist in the DoD Gravity Services Branch. An employee whose federal service totals more than 18 years, Breville was stricken with an undiagnosed illness in May 1976 that left him disabled in both legs. After retiring on a medical disability, he returned to work in September 1978 and has not used any sick leave since.

Responsible for the collection of gravity data, he has exhibited exceptional ability to convince the management of private organizations, such as oil companies, to participate in exchange

two highly successful TDY trips, despite being confined to a wheelchair. Breville "serves as an example of what a disabled employee can do and be. He represents to his fellow employees what can be accomplished when

in the Geospatial Department, Dolan made two suggestions that resulted in combined first-year savings of more than \$9,000 plus numerous other suggestions with smaller savings or intangible benefit.



Rome Visitors

Judi Ignatz (CDCDB) performs digital editing for Col. Philip D. Bouchard (third from left), commander of Rome Air Development Center (RADC), Griffiss AFB, N.Y., and his staff on a recent visit that included a tour of Aerospace Center activities. Others, from left, are Gene Knight (STT); Vincent Nardoza, DMA program manager for RADC; John Entzminger, technical director of RADC's Intelligence and Reconnaissance Division; Oskar Reimann, program manager of RADC's Command and Control Division; AC Technical Director Dr. Mark Macomber; and Col. John Marciniak, chief of RADC's Command and Control Division. The purpose of the visit was to review the relationship between Aerospace Center programs and RADC research and development activities.

Branch (FEMDB). The system also supplies chilled process water for film production.

The network of pipes—some sending and others returning water, like the arteries and veins of the body—form a closed circulatory system connected to cooling towers and chillers. Another network of narrow copper piping supplies compressed, filtered air to the air handling units. The network is connected to six air compressors.

Within the last year, two of the five cooling towers have been replaced under private contract as part of an ongoing project to upgrade the entire system, according to Major Bauman. Another tower is scheduled for replacement by the end of the summer. All but one of the air compressors have been replaced, and the last will be shortly.

At present, a chiller—one of the machines that further cools water from the cooling towers—is being replaced. Incidentally, a chiller costs about \$350,000, and the system has 10 of them. Another chiller is scheduled for replacement in the next fiscal year.

In Sympathy

Clarence J. Goodberlet, an aeronautical information specialist, died May 13 at Scott AFB Hospital.

He had been employed at the Aerospace Center since April 1965. Mr. Goodberlet leaves his wife, Eva, a son and a daughter. Interment was in Phoenix, Ariz., where the son lives.



Tufted Seal of Center Is Tribute To Employee's Skill and Devotion

By Paul Hurlburt

The story behind the speed-tufted seal of the Aerospace Center, which hangs in the Cartography Department staff office, is a tribute to the man who made it.

On Oct. 8, 1981 Ed Nolde of the Cartographic Data Division's Production Management Office suffered a heart attack. He has since resumed his full work schedule, but there were long days of restricted activity after the attack to try his patience.

"My son gave me a ship model of the Constitution with 10,000 pieces, and I put that together, but the speed tufting is what kept me from going crazy," Ed said.

On an afternoon in the middle of November, Nolde was at Chesterfield Mall doing his walking exercises.

"The doctor didn't want me walking up hills, so I would walk up and down the mall to get exercise," he explained. "I had time to kill, so I stopped in a rug crafting shop."

In an apparent case of love at first sight, Nolde sat down at a working speed tufter's loom, though he had never stitched before, and started to weave.

Later, with his own speed tufting kit, he set up a frame on the pool table in his basement. In no time, he had completed two rugs following store patterns.

"They call it speed tufting because you use both hands, moving a hollow needle with a



Ed Nolde with tufted seal of the center.

daughter who is a junior at the University of Missouri-Columbia to hang in her dorm room. The second

Ed tried with a wall hanging depicting the seal of St. Louis University superimposed on the

Citizen-Soldier Honored

Gary Seger, DAPR, was recently selected as a recipient of the Globe-Democrat Outstanding Achievement Award. The award is presented to members of Missouri's Guard and Reserve who exhibit outstanding qualities of leadership, character, loyalty and performance.

Seger received his award for his work as First-Sergeant for 157th Tactical Control Group, Missouri Air National Guard. He has been a member of the unit for 11 years.

"It is a great honor and I feel especially privileged to receive the award," commented Seger.

Seger joined the Aerospace Center workforce in 1962. He is presently branch chief of the Record Management Branch, Directorate of Administration.



MSgt. Seger said he hopes to continue in his citizen-soldier role for a long time, "Twenty or more years, if I am able," Seger said.

Kudos

POM Support Noted

Five employees of the Administrative Systems Branch (DASS) were cited in a letter of appreciation to Director of Administration Major James C. Jeske, USAF, for their efforts in helping to prepare the 1982 Program Objective Memorandum (POM).

The word processors transposed handwritten and typed manuscript materials for the annual volume, which affects all functional areas of the Center.

"The acceptance and handling of new and unfamiliar material involving technical terminology from 50-plus PP program managers demonstrated a wide latitude of initiative and ability, which reflects much credit upon these DASS personnel and your organization, as well as

orth like a piston.
"If you take a rhythm—a one and a two and a three, just like Lawrence Welk—you get nice even stitches, and you can do a hundred stitches a minute."

By Christmas Nolde had made a collection of decorator pillows for his wife, mother, and mother-in-law, but following conventional patterns was becoming tedious. It was at this point that he began to design his own patterns. His first was a Mizzou tiger head, done for a

through his recovery.

"He had a team of doctors assembled and was at the hospital an hour after I arrived, even though he is not our family doctor, just a family friend," Nolde said. "My daughter is the godmother of their baby."

"After that, he showed up every day while I was in the hospital at least twice, once on his rounds and one at the end of the day. How do you repay friendship like that?"

EMPLOYEE RETIREMENTS

MONICA M. BENDA (CMDC), a computer programmer analyst, retired May 14 with more than 30 years of federal service. She came to the Aerospace Center in 1952 as a key punch operator, transferring from the Army Finance Center, 4300 Goodfellow. "I plan on relaxing for a period of time and making a few trips, including the World's Fair. Then I'll get involved with crafts," she said.

DOROTHY L. COOPER (CDIDA), a photogrammetric cartographer, retired April 30 with

30 years of federal service, including 27 years and five months at the Aerospace Center.

PATRICIA M. DIFULVIO (CDCCA), a cartographic engraver, retired May 21 with 19 years and seven months of federal service, all at the Aerospace Center.

FRANCIS R. ODEM (SDCOA), a computer operator, retired May 14 with more than 35 years of federal service. He spent 20 years in the Navy before coming to the Aerospace Center in 1966.

MARY ANN TRENDLEY (GA), a clerical assistant, retired May 28 with more than 24 years of federal service. She began her federal career as a secretary to the adjutant of the Overseas Replacement Depot in Kearns, Utah. Since coming to the Aerospace Center in 1960, she has held various secretarial positions.

Kinsella Appointed

Marian R. Kinsella has been appointed as an alternate member of the Base Restaurant Council. She replaces Jacquelyn Parks, who has left the Aerospace Center.

two winged serpents on a staff. With Nolde's preference for lots of detail, combined with bold shapes and colors, the Aerospace Center seal made an appropriate challenge for his newfound talent. There were sentimental reasons for his choice as well:

"Making charts has been my life," he said. "I came here right out of high school, and I've been in the Cartography Department all of these years. That's why I gave the seal to the Department."

Nolde presented the seal to Department Chief Jack Harris soon after his return to work in February. It normally hangs in the Department staff office on the 5th floor of Building 36, though it is removed for use in picture-taking sessions during award presentations.

Nolde said he is now "thinking about" making the Defense Mapping Agency seal.

"It's got the most beautiful colors I've ever seen. I'd put the '72-'82 dates below it, if I can find time to do it before the decennial year is over."

Nolde joined the Center in April 1948 as an employee of the former Aeronautical Chart Plant at 12th and Delmar.

Military Arrival

Senior MSgt. Billy J. Wilkins, USAF, has arrived for duty from Randolph AFB, Texas. He has been assigned to the Special Security Office, with duty in the Office of Communications and Electronics, as a communications-electronics programming superintendent.

deputy director of Programs, Production and Operations, said.

The individuals cited were Christina Beckman, Traci Korn, Lila Meinhart, Leslie Pinnell and Sandra Wampler.

Nelson Clark Decorated

Retired employee Nelson C. Clark was awarded the Meritorious Service Medal last month, as he concluded his military career in Air Intelligence and other fields dating back to 1944. A colonel with the 131st Tactical Fighter Wing of the Missouri Air National Guard, Clark commanded the 131st Combat Support Group for a year following his retirement from the Aerospace Center in 1977. Colonel Clark was a production manager in the Cartography Department while employed at the Aerospace Center.

Congemi Contest Judge

Nick Congemi of the Graphic Arts Department represented the Aerospace Center as a contest judge at the Northeast Missouri Industrial Education Association awards program last month.

Congemi was a judge in the photography and graphic arts competition. The event was held at Northeast Missouri State University in Kirksville.

Jay Kadowaki in Academy

Jay Kadowaki, son of Herb Kadowaki, was recently accepted for appointment to the Naval Academy. Herb formerly worked at the Center in the Personnel Office and is now the Civilian Personnel Officer at the Naval Air Station in Milton, Fla. Young Kadowaki will enter the class of 1986 at Annapolis this July.

THE ORIENTOR is an official newspaper, published bi-weekly on Friday by and for the personnel of the Defense Mapping Agency Aerospace Center, at St. Louis, Missouri, as authorized by DoD Instruction 5120.4. Opinions expressed herein do not necessarily represent those of the DoD.

Col. J. W. Small
Director

David L. Black
Chief, Public Affairs Office

Paul Hurlburt
Editor

**ALL IN FAVOR
OF SAVING FUEL**
RAISE YOUR
RIGHT FOOT





When Seconds Count

Tony Tyus of the Feds tries to beat out a hit while first baseman Larry Hudson of the Panthers stretches to catch the ball, visible in upper right corner of the picture. The Panthers won the game, 10-9. (Photo by Chuck Arns.)

Something For All At Annual Picnic

Continued from page 1

For the young ones, the "Spirit of St. Louis" locomotive will return to give free train rides. The locomotive is provided courtesy of Voiture Locale 38 of the 40 + 8 (an American Legion Honor Society).

The kids can also enjoy a free film festival under the "Big Tent," from 12:30 p.m. to 1:30 p.m.

A number of new items have been added to the picnic lineup for this year.

An antique auto show, featuring vintage automobiles, will be presented on the Visitor's Parking Lot. The show is free of charge.

Ages 6-8 - running race, spoon-and-jelly bean walk, three-legged race (teams), linked-arms race (teams).

Ages 9-12 - running race, sack race, wheelbarrow race (teams), linked-arms race (teams).

2:00 p.m.

Ages 3-5 - marshmallow-under-chin race, bunny hop, two-balloons-under-the-arms race.

Ages 6-8 - two-balloons-under-arms race, softball throw, water balloon race (teams).

Ages 9-12 - two-balloons-under-arms race, softball toss, water balloons race (teams), back-

Five Teams Undefeated in Men's Softball

After the first month of the softball season, in the American Conference, the Tavern and the Yukon Jacks led the conference with 4-0 records with the Traitors close behind with a 3-0 record. In the National Conference, the Panthers hold the top spot with a 4-0 record with the Recaps close behind with a 3-0 record.

The Tavern ran their record to 4-0 with a win over the Assassins, 17-1 behind Bill Judge and Marcel Janowski's three hits each and a win over the Thunderbirds, 3-1 behind Tom Dufford's three hits.

Robert Jones' five hits led the Yukon Jacks to a 15-8 victory over the Bombers and Phil Robert paced the Yukon Jacks with three hits in a 7-1 win over the Hollywoods.

The Traitors won their third game of the season with a 13-8 win over the Hollywoods. The Traitor's Jim Rothove hit a double for three RBIs.

Other games in the American

Conference were the Jackalopes winning three games over the Hollywoods, 17-7, Deacon Blues, 14-8 and Assassins, 7-6. Against the Assassins, the Jackalopes were down by one run when Steve Leese connected for a two-run game-winning homer. The Bar and Stripes won two games with wins over Good Ol' Boys, 14-3 and Master Batters, 11-6.

The Thunderbirds defeated the Master Batters, 10-5 behind Keith Huelsebusch's three RBIs. The Bombers got back on the winning track with a 6-0 win over the Good Ol' Boys.

In the National Conference, the Panthers scored wins over the Feds, 10-9 and Misfits, 16-7. Larry Hudson and Robert Bryant led the Panthers' attack in the Feds' game with three hits each. Charles Womack slugged two homeruns against the Misfits to gain the second Panthers' win.

The Recaps defeated the Misfits, 5-1 and Wombats, 19-11 to stay

undefeated. The Recaps' Tom Berra pitched a four-hitter against the Misfits and Fran Renschen and James Amling had three hits each for the Recaps against the Wombats.

In other National Conference games, the Wombats got back on the victory trail with a 16-5 win over the Cougars behind Bill Koch's double and two singles. The Mustangs won their third game of the season with a 15-4 win over the Twins. The Mustang's Charles Chapman had three hits in the victory. The Misfits defeated the Mustangs, 10-5 behind the pitching of Denny Costello. The Buffalo Chips won their first game of the season with a 12-11 win over Foto-Flashers. The Wonies defeated the Guided Muscles, 15-2. The Guided Muscles beat the Buffalo Chips, 8-7. The Foto-Flashers won their first game of the season with a 19-17 win over the Feds. The Twins and the Cougars battled to a 9-9 tie.

—Chuck Arns

Standings Through May 27

American Conference

TEAM	WON	LOST
Tavern	4	0
Yukon Jacks	4	0
Traitors	3	0
Jackalopes	3	1
Bombers	2	2
Bar and Stripes	2	2
Thunderbirds	2	2
Assassin's	2	2
Master Batters	1	3
Deacon Blues	0	3
Good Ol' Boys	0	4
Hollywoods	0	4

National Conference

Women's Softball

The Chips and Kelly's Girls continued to lead the league. The Chips scored two victories over Plum Crazy, 19-5 and Wined-Ups, 13-6. Doris Pettway led the Chips' attack with two doubles and a single while teammates Alice Allen and Antoinette Bridges collected three hits each. The only game for Kelly's Girls resulted in a 11-11 tie against the Wined-Ups.

Basye's Babes won two games

Shirley Winegardner contributed two hits each for Plum Crazy.

Babes Ruthless won their first game of the season as they defeated Fool's Gold, 10-9. Shelley Huffman had a triple for Babes Ruthless and Cindi Cunningham and Wanda Buter each had a single.

The Rednecks won their second game of the season with a 16-4 win over Fool's Gold.

display homemade items (macrame, crochet, silk flower arrangements), for sale from 10:30 a.m. to 6:00 p.m.

Picnic goers can also have a free caricature of themselves rendered by Mrs. Charlene Clow.

Reddy Teddy, Nosy plus the Knights of Columbus Clown Club will perform from 1:00 to 3:00 p.m. handing out balloons and toys to children of all ages.

Food and beverages will be sold by various organizations throughout the day. GADB will be selling rib tips and rib plates and sandwiches, and watermelon slices. The Institute of Navigation will have bratwurst and Italian sausage sandwiches. The Aerospace Center Women's Club will serve Chip O' Chili (chili over Fritos). The Arsenal '76 Chapter of FEW and Facilities Engineering will again offer soda, wine, nachos, and ice cream. The Aeronautical Information Department and the Directorate of Logistics (AD/LO) Social Affairs Committee will sell funnel cakes and cotton candy. The AC Toastmasters will offer popcorn, while the Supply/Services Division (LOS) will sell snow cones. The CWC will be operating the beer truck.

Picnic planners are encouraging those coming to the picnic to come early and stay late. "There will be plenty of food and fun for everyone who stops by June 12," one picnic organizer commented.

CHILDREN'S EVENTS

11:00 a.m.
Ages 3-5 - running race, spoon-and-jelly bean walk, balloons-between-the-knees race.

ward run.

TEEN GAMES

(13 to 17)

Time	Event
11:15 to 11:45	Running
11:45 to 1:00	Football-Punt, Pass & Kick
1:00 to 1:30	3-Legged Race
1:30 to 2:00	Sack Race

ADULT EVENTS

(18 and over)

Time	Event
10:00 to 12:00	Checkers
10:00 to 12:00	Football-Punt, Pass & Kick
10:00 to 3:00	Horseshoes
10:00 to 11:00	Frisbee Golf
10:30 to 11:15	Running Event
12:00 to 4:00	Volleyball
3:00 to 4:00	Blindman's Race
3:00 to 4:00	Jart Tournament
4:00 to 5:00	Tug-of-War
5:00 to 6:00	3-Leg Race

ENTERTAINMENT

Entertainment will run from 10:45 a.m. until 10:00 p.m. and will be located at the Bandwagon near the parade grounds. The schedule is as follows:

10:00-12:00	AC Stage Band
12:00-12:45	Karate Demonstration (Steve Yarnall)
12:30-1:30	Kids Film Festival (Big Tent)
12:45-1:45	The Hush Band (Hard & Soft Rock)
1:45-2:00	Col. J. W. Small
2:00-2:40	Euphoria (Rock Music)
2:40-3:10	Ozark Cloggers
3:10-4:10	River City Rhythms (Dixieland Music)
4:10-5:10	Modern Dance Group (Shelby Miller)
5:10-6:00	Disc Jockey Record Spin
6:00-10:00	Caribou (Dance Music)

TEAM	WON	LOST
Panthers	4	0
Recaps	3	0
Wombats	3	1
Mustangs	3	1
Wonies	2	1
Guided Muscles	2	2
Misfits	2	2
Cougars	1	2
Buffalo Chips	1	3
Foto-Flashers	1	3
Twins	0	3
Feds	0	4



Kate Doyle wields racquet like Wonder Woman in serve against Rick's Racquets of DMAAC Team Tennis League. Competition takes place on Tuesdays in Forest Park.

and Babes Ruthless, 12-2. Mary Ward led Basye's Babes victory over Fool's Gold with a double and single. In the Babes Ruthless' game, Nancy Anderson, Mary Ward, Kathy Fink and Sheri Geminn all collected two hits each for Basye's Babes.

Plum Crazy defeated the Wined-Ups, 9-8 behind Melody Baker's three hits. Sharon McSpadden and

Standings Through May 27

Team	Won	Lost
Kelly's Girls	2	0
Chips	3	1
Rednecks	2	1
Plum Crazy	2	1
Basye's Babes	2	1
Wined-Ups	1	2
Babes Ruthless	1	3
Fool's Gold	0	4

DMAAC Team Tennis

On May 18 the competition stiffened as the teams seemed to start to jell. In one of the early contests the Tie Breakers took advantage of a default by Ad'In to coast to a 3-1 win. In the other contest it was down to the wire where one match decided the outcome; Pete's Problems posted their first win edging Match Point 3-1 as Butler and Zwettler outlasted Carviou and Arns. In the 5:30 matches the Broken Strings toppled the high-flying Pelicans 3-1 with good teamwork by Pete Ofstedal and Jim Rothove. On the other courts Kate's Kritters swept by Rick's Racquets 4-0.

The May 25 matches foreshadowed the coming vacation season as teams seemed to find it harder to field the required

number of players. In the 4:00 matches Pete's Problems took advantage of a forfeit to manage a 2-2 draw with the Broken Strings. A one-point difference in the total games score gave Ad'In a 3-1 win over Kate's Kritters. At the 5:30 matches Steve Hagedorn and Gary Liebsch threw caution and protocol to the wind as they edged the doubles team of Col. Small and Bob Jones in one of the matches that gave Match Point a 3-1 win over the Tie Breakers. In the other matchup the Pelicans didn't need the forfeit they were awarded as they blasted holes in Rick's Racquets by a 4-0 score.

—Tony Mosello

Team	Won	Lost
Pelicans	9	3
Broken Strings	8	4
Match Point	7	5
Kate's Kritters	6	6
Tie Breakers	5	7
Ad'In	5	7
Pete's Problems	5	7
Rick's Racquets	3	9

