



John Doty arrives on bicycle through the main gate to begin another work day. He rides his bike to work nearly every day of the year, except when it snows.

Bicycling: Not Just A Sport

by Nancy Brannon

They come from all areas around St. Louis, as far as seventeen miles and as near as three miles, arriving for a day of work at the Aerospace Center. But these individuals do not commute in a car, like the average John and Jane Doe. They come on their bicycles.

As many as 15 individuals a day ride bikes to their job at the Center, almost twice the number of people that rode last year. Most of them ride for two reasons — energy conservation and exercise.

John Doty, SDDSB, rides his bike to work year round, except when it snows. Commuting to work on his bike began about two years ago when he and his wife decided they couldn't afford another car, or the gas to put in it. Also, it was a good way to get regular daily exercise.

"I feel mentally and physically better after bicycling in to work, and in turn I am more productive," commented John. "I also feel I am conserving energy, especially when I see one person driving a big eight-cylinder car to work by himself."

John rides three miles to work, and says a major problem for bikers, besides the obvious traffic, is glass on the road. In two months time he had 20 flat tires, but credited most of them to slightly worn tires. He carries a repair kit, but for him it is easier to stop at a filling station for repairs since there are many on his route. He estimates, though, that an experienced biker can repair a flat in about 10 or 15 minutes.

John wears a helmet when riding to work on his bike. He was convinced he needed one after a freak accident that occurred on his way to work one morning. When he was about to enter the main gate, he reached down to retrieve his badge with one hand and applied the brake with the other hand. Evidently, it was applied harder than he expected and he was thrown over the front of his bike, suffering a concussion and hospitalization for four days. Since that experience, he has convinced others from the Center to also wear helmets. "I consider myself a safe bike rider," says John, "but accidents can happen to anyone."

After arriving at work, which takes John about 18 minutes travel time, he showers in the basement of Bldg. 25. (There are two shower stalls located in the men's restroom.) There are also showers available in the men's and women's restrooms in the Photo Lab located in the basement of Bldg. 36.

Most of the Center bike riders travel between three and seven miles to work one way, but several

employees cover quite a bit of ground enroute to their jobs. Bob Pankey, SDCB, travels the longest distance of the bicyclists, coming 17 miles from Spanish Lake and spending an hour in travel time. Charles Denney, SDCB, has a 13 mile trip from Kirkwood, and Todd Wagner, GDCT, and Cliff McVay, SDCB pedal 11 miles from South County and Rock Hill, respectively.

A few employees in one work area seem to have caught the fever from each other to bike it to work. Herman Easterly, Mark Fahey, Bill Randall and Judy Spoering all work in GDCB. "I think we've all kinda inspired one another," stated Judy. "Sometimes, four or five of us will all come in on our bikes together, sorta like a bike pool. This makes it much safer, because we are more easily spotted by motorists," she said.

All Center employees the Orientor talked with who ride their bikes to work agreed that one must be extremely defensive when riding because of automobile traffic. "You can't daydream or be looking at the scenery when riding your bike," commented one of the bikers, "because you never know when someone will open a car door, or pull out from a parking lot, or incidents such as that."

Whatever the reason, whether it be exercise or energy conservation, most of the bicyclists talked with enjoy riding their bikes to work, feel better and more productive when they get to the Center, and are doing their part toward the conservation of energy.

Orientor

DEFENSE MAPPING AGENCY AEROSPACE CENTER

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June 6, 1980

Special Recognition For Center From ASP



Retiree Reunion Set For June 27th

Rex McHail, national president of the American Society of Photogrammetry, presents a special certificate of recognition to Aerospace Center Director, Col. Robert Burns, for the Center's support of the recent ACSM-ASP National Convention in St. Louis. It was the first time in the history of the society that such a certificate had been presented to an agency. "The convention was the best in history," said McHail, "and had it not been for the dedicated effort of Center employees and the support of

Center management the success would not have been possible."

McHail was in St. Louis to address an evening meeting of the St. Louis region of ASP. At the meeting he again praised the work of Center employees and the long term efforts of region members. During the meeting the National President was presented with a check for \$10,000 from Convention Director, George Cline as part of the ASP share of convention proceeds. Altogether ASP and ACSM both received \$25,000 each, the largest



amount ever returned to the societies by any of their national conventions.

Cartographer Helps Make "Road" Easier

by David L. Black

There is an old hill country saying that reads, "If you haven't traveled the road before you don't know where the bumps are."

That particularly applies to families such as that of Lee Sturm of the Aerospace Center, who have experienced the problems associated with a child who has a life threatening disease and the tragedy which is sometimes the result.

"There are all kinds of problems that effect the child and the family unit. Problems that can't be imagined unless you've experienced the situation," said Sturm.

But the problems must be overcome and they can be, especially with the help of others who have "traveled the road and know the bumps."

To help others Lee and his wife became a part of a parent group in

1976 called the Candle Lighters. It is a self-help group associated with Cardinal Glennon Hospital that meets to discuss mutual problems, hear special lectures and do things to help one another and the children. Such things as parties for the children in the hospital, refurbishing of rooms for parent lounges and development of special care units. A similar parent organization called CURE exists at St. Louis Children's Hospital.

One of the problems both groups noted was the need for a special type of family housing for parents whose children were being cared for at the institutions. Sleeping in lounge chairs night after night when you're miles away from home and relatives is a burden that the groups felt could be remedied.

But as small groups buying land, furnishing houses, changing zoning

codes proved almost unsurmountable until the groups heard about The Ronald McDonald House concept that began in Philadelphia in 1969.

The concept started when the daughter of Philadelphia Eagle football player Fred Hill began treatment for leukemia. He noted the lack of a comfortable, convenient and economical place for parents from outlying areas to stay during the course of their child's hospital treatment. He enlisted the help of his fellow team members, Children's Hospital of Philadelphia, and McDonald's Restaurants to locate such a facility. An older home near the hospital was purchased and renovated.

The two St. Louis parent groups liked the idea and decided to form a separate organization, Children's

Continued Page 2

The second step toward the formation of an MC&G Alumni Association will take place June 27th in the Aerospace Center 2nd Street Dining Hall when the first organizational meeting is held.

The first step in the formation process (the survey of interest announced in the April 11 Orientor) indicated a retiree interest in such an association. The article had indicated that the association would expect to provide a means of continuing social contact for Center civilian and military retirees; a method of sharing interests and experiences; a way to encourage the exchange of ideas for the mutual benefit of members and the establishment of a clearing house for the exchange of information and ideas.

The initial meeting on the 27th will begin at 7:00 p.m. and is de-

signed to renew acquaintances; discuss by-laws; membership; dues; frequency of meetings; organization name; and to elect officers.

Retirees are encouraged to attend but if schedules do not permit any remarks about the organization that individuals would like discussed can be forwarded to anyone of the three organizers prior to the meeting. The organizers are: Al Poertner, Arsenal Credit Union, St. Louis AFS, Mo. 63118 (Ph. 314-771-5050); Tom Finnie, Route 2 Box 239, Gilbertsville, Ky. 42044 (Ph. 502-362-8120); and Bill Riordan, 2109 Freda Drive, Vienna, Va. 22180 (Ph. 703-938-0173).

Individuals planning to attend the meeting should contact Al Poertner so that the proper amount of refreshments can be ordered.

Affirmative Action Committee Formed

The Director has announced the formation of an Affirmative Action Coordinating Committee to monitor the Aerospace Center Affirmative Action Plan. The group is charged with overseeing the plan's implementation and with talking with employees at all levels to determine the problem areas or successful accomplishments.

The committee will make re-

commendations to the Director and the Equal Employment Opportunity Office.

Chairing the committee will be John Kristmann of PR. Serving as members will be: Richard Lininger, PO; Mrs. Gail Evans, EO; Paul Morton, CM; Lt. Col. Donald Bean, LO; and James Nelson, GD, who will represent all departments.

Flag Day June 14

"I Am Your Flag"

I have fought battles, but I prefer the untroubled air of a world at peace.

I am your flag. I represent the freedom of all people and I fly high for the world to see. My gentle rustling in the breeze sounds out the warning to those who would bury me that below are people dedicated to liberty.

For those who have perished for my right of freedom of flight, those who will die, and indeed, for those who would live, I stand as a symbol of freedom-loving people.

I have been carried into battle in faraway lands, always in the cause of freedom. I am blood-stained, torn and many times wearied and saddened by the thousands who have paid the supreme sacrifice. Don't let it all be for nothing.

June 14 is my day — Flag Day. Be proud of what I represent and display me for all to see.

Whether you call me "Old Glory", "Star-Spangled Banner", or "Stars and Stripes", I shall fly forever as a symbol of your freedom, as I did for your ancestors and as I shall for your sons and daughters.

I am your flag.

Kudos

New HTC deputy

Capt. Virgil J. Johnson, USN, has been named deputy director, Defense Mapping Agency Hydrographic/Topographic Center (DMAHTC). He will replace Capt. Jack I. Blackwell, USN, who has served in that capacity since

Toastmasters Celebrate Anniversary

The Aerospace Center Toastmasters Club celebrated its third anniversary at the May 22 meeting. Anniversary cake and project speeches were enjoyed by all attending.

Election of new Club officers was also held. The following active members were elected and will serve the July to December 1980 term of office: president - Kent Kenniston/CDCCA; educational vice president - James Waskow/SDCP; administrative vice president - Promise Taylor/PPGD; secretary - Charles Piller/GDDP; treasurer - Jessie Jones/GDGA; sergeant-at-arms - Bill Mantinband/CDABB.

Toastmasters is open to all Aerospace Center civilian and military personnel who have a desire to improve their communication, listening, and leadership abilities. For more information contact Kent Kenniston, CDCCA, ext. 4044.

Mortgage Problems?

Rising prices can make it difficult for homeowners to meet monthly mortgage payments.

If you are experiencing difficulty with monthly payments the Department of Housing and Urban Development recommends you contact your mortgage holder as soon as possible.

Lenders may be able to offer recommendations but you must help prepare a plan that will eventually make it possible for you to make these monthly mortgage payments on time.

Usually lenders will rework your

DMAAC Women's Club Installation of Officers



The DMAAC Women's Club held their Installation of Officers luncheon on May 8. Anna Exler (pictured above, far left) presided over the ceremony, presenting apricot silk roses to the retiring officers and red silk roses to the incoming officers.

Officers installed at the luncheon were: (second from left to right), Marilyn Kulick; first vice-president Patricia McKenney; recording secretary Helen Schulz; and treasurer

Elaine Moore. Not present were second vice-president Jane Knobner and corresponding secretary Evelyn Macomber. They were later installed at the board meeting on May 14.

Also present at the luncheon was Daisy Rey from the Judevine Center for Autistic Children. She was presented a check for \$1,000 from the Women's Club for the Judevine Center.

"Road" Easier

Continued from Pg. 1

Oncology Services of Metro St. Louis Inc., to pursue the concept for St. Louis.

This group, of which Sturm is president, began their pursuit in 1978 and in April of this year announced the development of a Ronald McDonald House in St. Louis. Located at 4381 West Pine Boulevard, the site is near both of St. Louis' major medical centers for children and is in the process of being renovated by Children's Oncology Services. St. Louis is unique

for a great portion of the purchase and renovation but operational expenses must come from other areas. Assistance is needed in getting furnishings, linens, dishes, etc. Organizations looking for projects can contact Sturm or the Children's Oncology Services at 863-0005.

"The project has grown from the community to become an integral part of the community," said Sturm. And he stressed, "Through all the discussions and negotiations about brick, mortar, money and

replace Capt. Jack L. Blackwell, USN, who has served in that capacity since October 1978.

Captain Johnson's first DMA assignment was to the Hydrographic Center. After co-chairing the group which implemented the merger of the Hydrographic and Topographic Centers, he became the first deputy director for Plans and Requirements of the newly formed Center, and has served in that position since September 1978.

Professional secretary

Sharon C. Miller, Certified Professional Secretary, and wife of John C. Miller, SDCOB, was selected 1980-81 "Secretary of the Year" by the Lindbergh Chapter of the National Secretaries Association (International) at their recent Secretaries Week Luncheon.

Sharon is employed by St. Joseph Hospital of Kirkwood as administrative assistant to the president, Sister Catherine Durr. She is also assistant secretary to their governing board.

Judging was based on education, CPS rating, business experience, National Secretaries Association activities, poise, appearance and the ability to answer direct questions from the contest judges.

Clowning around

Donald L. Nauert and Henry O. Thielemann of SDRCC were the recent recipients of a letter of thanks from Joseph P. Teasdale, Governor of Missouri. Nauert and Thielemann are members of the Missouri Knights of Columbus Clown Club and had participated in the annual Easter Egg Hunt at the Executive Mansion in Jefferson City, Mo.

"Your participation was a highlight of the day's activity and I am sure will long be remembered by the children. We admire your ability to bring happiness to the faces of these special children," commented the letter.

MD Degree

Elizabeth Ann Droege, daughter of Emily Droege, GAD, received her Doctorate of Medicine degree in May from Washington University.

Dr. Droege will begin her residency in surgery at the Medical College of Wisconsin Affiliated Hospitals, Milwaukee, Wis. in July.

Usually lenders will require your mortgage only under certain conditions. The unpaid balance would be increased by the amount overdue. Then the lender may temporarily reduce or suspend your regular monthly mortgage payments, or have the home mortgage loan insured by the HUD Federal Housing Administration.

As a last resort to protect your future credit rating, lenders may advise homeowners the best way to protect their investment is to sell it. In cases where there is danger of foreclosure, lenders may advise signing the property over to them.

For advice or assistance in keeping your home, call the Federal Housing Administration if they insured the loan, or call the Veterans Administration if they guaranteed the loan. Local organizations offer credit counseling; credit unions, labor unions and some religious or social services agencies may help too.

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Col. Robert C. Burns
Director

David L. Black
Chief, Public Affairs Office
Editor

Nancy Brannon
Asst. Editor

colony Services. St. Louis is unique in that it is the only city where a Ronald McDonald House serves two children's hospitals.

The three-story dwelling is presently being converted into a multi-family facility, complete with kitchen, laundry and recreation areas. It will be a preferable alternative to parents sleeping in hospital lounges or incurring additional expenses for lodging. Presently, two thirds of all children treated at Children's and Cardinal Glennon Hospitals come from outside the St. Louis area. "We had a 15 month search for property," said Sturm, "but we had a lot of great help from the McDonald people and other groups here in St. Louis." McDonald's is picking up the tab

brick, mortar, money and mortgages, we've never forgotten that the underlying force behind the Ronald McDonald House project is the dedication and love that results from the establishment of a home where parents and children can share their anxieties as well as their hopes with others who are facing the awesome reality of a life-threatening illness."

The house will be a home-away from home for the families of children who must receive hospital treatment for cancer, leukemia, heart defects and other serious diseases.

Lee Sturm is a cartographer by profession but his avocation is to help smooth the bumps in the road for others who may be just beginning the journey.

New DMA General Visits

Brig. Gen. Donald O. Aldridge, USAF, signs the visitor's register in the Director's Office during his recent visit to the Aerospace Center. General Aldridge is the new deputy director of the Plans and Requirements Directorate, HQ DMA. He was here for a general orientation on the Center's mission and products.





DMA Data Base Key to Simulator Program

In Hollywood the term simulation applies to creating a scene that looks like the real thing but isn't. The creation is done with fake scenery, camera angles, lighting techniques, film editing and a list of things that goes on and on. It even includes stunt people and stand-ins at times.

Within the military flying community the word simulation is also used and while it may have a similar meaning to the Hollywood scenario the means of simulation deal more with electronics and a little known to Hollywood organization in St. Louis called the Aerospace Center.

Military flight simulators have expanded in usage during the past decade as economic and energy considerations have impacted the military budgets and as electronic technology has continued to become more sophisticated.

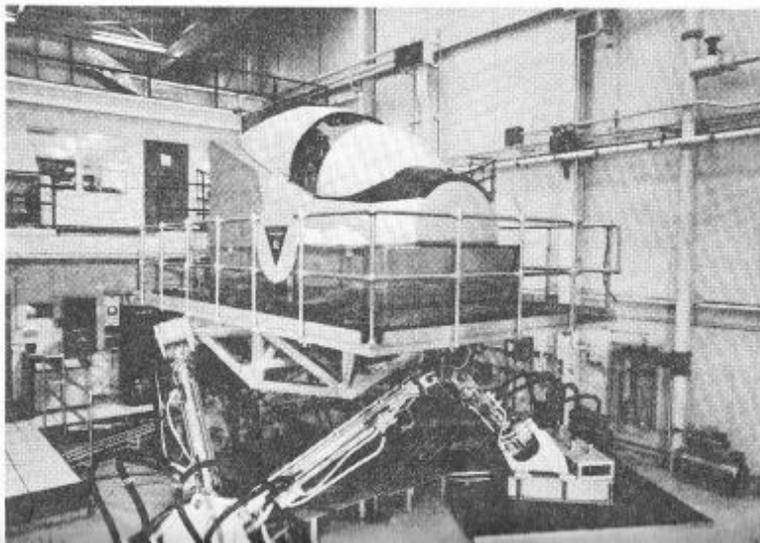
The flight training simulator programs of the military provides the pilot and bombardier/navigator training in the complete aircraft mission including pre-flight, takeoff, enroute, mission accomplishment, landing, post-flight and emergency procedures and malfunctions. The entire training environment is under the control of flight and tactics instructors without the risk of actual flight.

The simulators must have realistic simulation of the flight characteristics throughout the entire

DRLMS reproduces the radar video normally observed on the radar indicator in actual flight. Through the use of the simulated displays, the aircrew can learn to identify targets and to interpret various types of returns. Areas of terrain and cultural features are digitally represented by their relative reflectance and elevation. The information is stored on disc files. The DRLMS digital processor determines the area illuminated by the radar beam from the aircraft's position and attitude and then transfers the reflectance data for the area from memory to the special processor. The processor then modifies

of the world.

While each of the weapons systems has special equipment requirements for its particular mission, the simulators adjust to the requirements as does the DRLMS using the DMA digital data bases. For example, the A6E radar system provides for all-weather, low-altitude attack missions with a mapping display to allow operator detection, identification and acquisition of the target, plus, terrain information for aircraft safety in low level varying terrain situations. In simulation, this data is visually produced for the aircrew from the DRLMS data base.



May Honor Roll

35 YEARS

Harley E. Jennings.

30 YEARS

Ramon F. Boofer, William H. Burchard, David E. Coggins, Christopher J. Dedert, Francis K. Kuenzie, George K. Nishimura, Irvin E. Rogers, McKinley R. Stephens.

25 YEARS

Howard A. Baker, Ethel H. Davis, Dimples C. Deruelle, Delores E. Grandidier, Luella H. Hermann, Lawrence Knopf, Patricia J. Massot, John Milligan, Jr., Valera D. Schoen.

20 YEARS

Larry L. Dotson, Morris A. Miller, Samuel L. Powell, Kenneth E. Quillman, James W. Tancock, James E. Yancey.

15 YEARS

David P. Askew, Lorraine T. Beck, David L. Black, Lee C. Brewer, George E. Callahan, Anna K. Davis, John R. Haddick, Margie A. Pate, Wesley Reed.

10 YEARS

Richard V. Bunte, Steven E. Ditterline, Vincent Love, Stephen M. Richter.

OUTSTANDING PERFORMANCE RATING

Richard O. Broaddus, Max G. Hurst, William P. Wall.

OUTSTANDING PERFORMANCE RATING/ QUALITY SALARY INCREASE

Louise M. Calloway, Carl R. Maguire, Vivian J. Upchurch.

OUTSTANDING PERFORMANCE RATING/ SUSTAINED SUPERIOR PERFORMANCE

Clarence W. Berry, Allen H. Elrod, Robert D. Hodge, Linda A. Kelley, Irene M. Medlock.

QUALITY SALARY INCREASE

Frank J. Bendix, James R. Buckridge, Robert G. Edwards, Curtis B. Ward.

SUSTAINED SUPERIOR PERFORMANCE

Danny W. Barber, Ronald B. Byerly, Cheryle A. Christiansen, William G. Clark, Roy M. Cook, Leroy N. Cooney, Betty L. Cuning, Queen E. Easley, John W. Finklang, Douglas W. Holleman, Theodore H. Istringhaus, Jr., Kay K. Kersting, Charles H. Marshall, Susan M. McConnell, Clayton A. Newton, Winford Parker, Oscar Rodgers, Elda L. Rowland, Ronald D. Stacy, Warren J. Tabachik, Robert T. Thompson, Stephen P. Toolen, Phillip F. Von Feldt.

SPECIAL ACHIEVEMENT AWARD

teristics throughout the entire operating range of the aircraft being simulated and a real world radar simulation of the terrain being flown over in the "acted" mission. That's where the Aerospace Center becomes one of the leading characters in the simulation production.

Let's look at two weapons systems that recently have begun using the latest state-of-the-art simulators for training — the Navy's A6E and EA6B.

The A6E is an advanced all-weather aircraft using multi-mode radar, solid state avionics and numerous reliability improvements. The EA6B is a four seat variant of the A6 and is an electronic warfare aircraft.

Both systems use the Digital Radar Landmass System (DRLMS) to generate the radar ground returns in simulation. Through a computer and special hardware the



The A6E Weapons Systems Trainer

each element of the data by the range and radar system equations.

All of this electronic conversion and simulation is possible because of the DRLMS data base, a digital file of landmass and culture (elevation and reflectance data) which can be coordinated with the simulator systems. This data base is produced by the Defense Mapping Agency and primarily by the Aerospace Center.

For initial training in the A6E system, DMA has digitized an area of 400,000 square miles while half that area was initially required for the EA6B. Both systems require substantial additional areas to support training in potentially hostile areas

Each of the simulation systems has cost the Navy in excess of 20 million dollars and each greatly depends upon the Center produced data to operate effectively. As one Navy spokesman said of the A6E simulator, "... a failure to faithfully reproduce the aircraft's radar display will degrade the A6E weapons system trainer to the point where it will only be a very expensive Operational Flight Trainer with limited or no training value to the bombardier/navigator."

Today the simulators are operational, fully effective units meeting the requirements of the entire aircrew thanks to DMA data producing the "scene" in simulation.

Additional May Retirements

May retirements for which no background information was provided the Orientor include:

DORIS LEE, LOSIR, who retired May 2 with 34 years, 2 months total Federal service. She spent 29 years, 3 months at the Aerospace Center and was a supply clerk at the time she retired.

RICHARD C. FISHER, CDKR, spent 32 years in Federal service, with 7 years and 10 months of that time at the Kansas City Office of the Aerospace Center. He was a

photographer at the time he retired on May 16.

EUGENE P. SEALS, SS, a cartographic clerk at the time of his retirement, left the Center on May 20. He had 29 years, 5 months total Federal service, with 19 years, 10 months at the Aerospace Center.

CHARLES W. HELBER, CDKBC, retired on May 30 with 31 years 5 months total Federal service. He was a cartographic technician and spent 7 years, 11 months at the Kansas City Office of the Aero-

space Center.

JOHN A. McCLOUD, GADMI, was a warehouseman when he retired on May 30. He had 38 years, 1 month total Federal service, spending 23 years, 8 months at the Center.

GRACE E. PALMER, SDDLA, left the Center for retirement on May 30. She had 8 years, 9 months total Federal service spending 7 years, 7 months at the Center where she was a cartographic clerk.

SPECIAL ACHIEVEMENT AWARD

Adele B. LaChance, August J. Ullo.

SUGGESTION AWARDS

Michael J. Ronshausen, \$500.00; Linda L. Oeser, \$265.00; Michael M. Meenehan, \$125.00; Henry L. Jackson, \$92.50; Michael M. Meenehan, \$92.50; Eric F. Trupp, \$80.00; Evelyn J. Braden, \$70.00; Pamela E. Janisch, \$70.00; Thurn T. Larson, \$55.00; Leslie L. Bovier, \$50.00; Robert H. Clevenstine, \$50.00; Carol J. Crawford, \$25.00; Gary W. Gann, \$25.00; Robert F. Linhoff, Jr., \$25.00; John A. Mallow, \$25.00; Patricia J. Nowicki, \$25.00; James R. Waskow.

Remember When?



This 'Remember When' photo was submitted by retiree Ray Crawford who is now living in San Diego, Calif. Ray sent the picture with the following note: "Seeing the Remember When photo prompted a look into my archives. Enclosed is a reminiscent look back to 1963. Many people will remember our hectic venture into Big Time competition." Pictured above are the Missile Bears, Missouri's representatives in the 1963 World Slow Pitch Tournament in Providence, R.I. (Left to right), Lee Roy Halbeck, Phil Riffe (no longer with DMAAC), Bill Rogers, Milton Ochs, Jack Harris, Ray Crawford (holding trophy), Tommy Mullins, Bob English, Woody Dalton, Norv Dallas (deceased), Dick Stelter, and Bob Long (retired). Other team members not shown were Harold Hopper, Lou Cheli, Moe Kaiser, Ken Whitfield and Carl Winkler.

Carto Class Grads



Recent graduates of cartographic training Class 80-D are: First row, left to right: Robert Naylor, Drury College; Edward Schaaf, Southern Illinois University, Edwardsville; Claire Block, State University College at Buffalo; Jack Connor, Kansas State University; Gary Grimes, Ohio State University. Second row, left to right: Eric Scher, Lyndon State College; Douglas Roberts, Southern Illinois University, Carbondale; David Solomon, Central Missouri State University; Robert Garrison, University of Missouri at Rolla; Randell Hines, Western Illinois University; George Peterson, University of Minnesota; Robert Finneran, University of Kansas. Third row, left to right: Jere Cadoret, Hope College; Joseph Spytek, Southern Illinois University, Carbondale; Richard Deaton, University of Missouri, Columbia; Ronald Stout, BS Penn State University, Ph.D Florida State University; Arthur Frenzel, University of Missouri, Columbia. Not shown: William Ault, BS University of Missouri at Rolla, MS University of Missouri at Rolla.



DMAAC Men's Softball

On May 15, the Mustangs, behind the three run homer of Bill Fiedler, defeated the Twins II 8 to 5. The Wombats, leading at one time 15 to 5, fell to the improving Deacon Blues 25 to 15 for the Deacon Blues first win of the year.

During the week of May 21 to 22, the Recaps remained unbeaten by trouncing the Panthers 16 to 6. The Recaps were led by the 4 for 4 performance of Don Duncan which included a home run and 4 RBIs.

The Jakes improved their record to 4 and 0 by over-powering the Rogues 14 to 4 on superb hitting and fielding by Kevin Spittler.

The Misfits, behind the power hitting of Sam Scearce and defense of Roosevelt Finley, pounded the Wombats 21 to 0. The entire Misfits' team seemed to break out of a hitting slump all at the same time.

The Tavern remained undefeated by whipping the Twins II 17 to 4. The Tavern was led by the hitting of Tom Dufford, Scott Gibson and Steve Wallach.

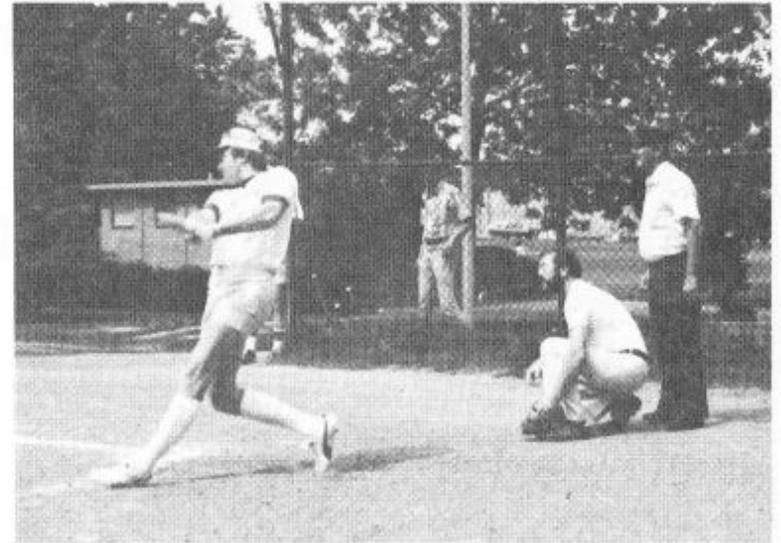
The Thunderbirds, coached by Stan Allen, squeaked past a much improved Guided Muscles team 15 to 14 in a real duel down to the wire.

The Wonies, behind the hitting of Gordon Johnson and many others, ran past the Hollywoods 19 to 7 to improve their record to an even .500, 2 and 2.

The Mustangs, with three run home runs by Mike Link, Bill Gillespie and Rich Hulsey, gave the Buffalo Chips their first defeat 14 to 7.

The Master Batters defeated the Cougars 11 to 1 behind the three run homer of Byron Baidy to even the Master Batters record at 2 and 2.

On May 28, the Mustangs and the Misfits played an excellent game with the Mustangs ending up on top of a 5 to 3 score. Both teams displayed good defense and pressure playing. The Mustangs were led by



Steve Wallach from the Tavern team smacks another hit to help his team defeat the Twins II. Pat Reed is the catcher for the Twins II.

opposite in nature to the first one as both teams tried to give the game away. The Buffalo Chips, led by the hitting of George Johannigmeier and Ed McGrath, finally won the game 18 to 14.

The Guided Muscles finally put one in the winner's column by defeating the Master Batters in a time-shortened game 12 to 8. The Guided Muscles were helped to victory by the fine fielding and hitting of John Tomasovich.

The Jakes, behind the home run power of Greg Dillow and fine in-

field play, defeated the Panthers 10 to 5 to remain unbeaten.

The Twins II also chalked up a victory for the first time this year as they pounded the Wombats 23 to 3 with excellent hitting by Ron Godfrey (5 RBIs), and Joe Pfeiffer (6 RBIs). The entire Twins II team seemed to come alive after a slow start in the 1980 season.

The Wonies defeated the Cougars 7 to 4 but no other details were available.

—Jerry Johnston

Standings As Of May 14

Team	Division I		Team	Division II	
	Won	Lost		Won	Lost
Mustangs	5	0	Jakes	5	0
Buffalo Chips	4	1	Recaps	4	0
Wonies	3	2	Tavern	3	0
Misfits	2	3	Thunderbirds	3	1
Deacon Blues	1	2	Panthers	3	2
Twins II	1	4	Master Batters	2	3



Graduates of Class 80-E are: First row, left to right: Bradley Dunn, BS Southern Illinois University, Edwardsville; Kurt Wiedenmann, BS University of Missouri, Columbia; Mark Jessip, BS University of Missouri, Columbia; Richard Madrid, BA Boston University. Second row, left to right: Richard Philips, BS Southeast Missouri State University; Michael Dokos, BS University of Missouri, St. Louis; Brian Farmer, BS Northeast Missouri State University; Alan Turco, BA Southwest Texas State University; Charles Squires, BS Eastern Illinois University; Thomas Wilson, BS Allegheny College. Third row, left to right: Kirk Tangeman, BS Fort Hays State University; Joseph Pietrowicz, BS St. Louis University, MS St. Louis University; Susan Essner, BS University of Missouri, Columbia; Nancy Bender, BS Parks College of St. Louis University; Sally Klenker, BS Lawrence University; Karen Kennedy, BS Eastern Illinois University; Gary Etter, BS University of Missouri, Columbia. Fourth row, left to right: Richard Bishop, BS Monmouth College; McCawley Suits, BS University of Chicago; Michael Pilger, BS Southern Illinois University, Carbondale.

Consumer Complaint?

Do you have a consumer complaint? Did you buy a lemon?

If you're having consumer problems but you're not sure who to contact, the U.S. Office of Consumer Affairs may have just what you need — the Consumer Resource Handbook.

The handbook is designed to help you find the offices and organizations which help consumers. It gives brief descriptions of the services and information Federal

agencies offer. It also lists state and local government offices.

Other material offered by the handbook includes information on how to handle a consumer problem and what steps or legal action you may take to solve the complaint.

You can get a copy of the Consumer Resource Handbook by writing the Consumer Information Center, Dept. 532G, Pueblo, Colo. 81009.

playing. The Mustangs were led by the fine hitting performance of Ed Barr.

The Buffalo Chips and Hollywoods then tangled in a game just

Military Arrival



TSgt. Charles H. Keeler has reported to the Aerospace Center after serving a tour of duty at Kadena Air Base, Okinawa. He is replacing TSgt. Joseph Raimo, who retired from service, as Security Police Staff Noncommissioned Officer in the Security Office.

He began his Air Force career in August 1968 and it has included 18 months of service in Vietnam.

Sergeant Keeler is married and has one daughter. He is a native of Santa Barbara, Calif.

Father's Day
June 15th

Twins II	1	4	Master Batters	2	3
Cougars	0	5	Guided Muscle	1	3
Hollywoods	0	5	Rogues	0	3

DMAAC Superstars Softball

On May 21 the second week of the season got underway as the Kelly Girls and the Honey Buns were tied 7-7 in the fifth inning — but with the defensive pitching of Nancy Clark, the Kelly Girls were able to get a 19-7 win over the Honey Buns. In the second game, after recruiting Shirley Anderson as their new pitcher and cleanup hitter, Sunkiss were able to chalk up a win from the Baby Blues. The final score was 15-12. Down south the Chips got their second win with good pitching by Pat Tolefree and good defense by Nomia Bryant when they clipped the Rednecks 8-2.

On May 28 the Baby Blues defeated the Rednecks (predicted underdogs) 13-8. This was the Baby Blues' first win and they did it with

the good defensive plays of Captain Pam Digby, Debbie Vickery and Bette Friel. In the second game at Lyons, the Chips won their third game 12-4 from the Honey Buns. Doris Pettway hit a grand slam and defense by Antoinette Bridges led the Chips to their win: Down south the Kelly Girls destroyed Sunkiss 15-5. Nancy Clark and Stretch Fialka supplied the Kelly Girls with two triples each, along with slugger Shirley Cunningham, Bev Bolinger and Louise Corcoran.

The Superstars want to thank the umpires for the last two weeks — Jimmy Davis, Tommy Mullins, Jerry Johnston, Mark Beckmann, John Seybert, Steve Wallace, Tom Berra and Ron Smith.

—Terri Kramer

Standings As Of May 28

	Won	Lost
Chips	3	0
Kelly Girls	3	0
Sunkiss	1	2
Honey Buns	1	2
Baby Blues	1	2
Rednecks	0	3

The schedule for the next two weeks:

	June 11	June 18
3:30 Lyon #2	Sunkiss vs Honey Buns	Baby Blues vs Kelly Girls
4:35 Lyons #2	Baby Blues vs Chips	Honey Buns vs Rednecks
3:45 Lemp	Kelly Girls vs Rednecks	Sunkiss vs Chips