

# Welcome KCO Employees

## *Kansas City Office Employees Tour Today*

Some 93 employees of the DMA Topographic Center Kansas City Office are touring the Aerospace Center today to better acquaint themselves with the mission and products of this organization.

The Kansas City Office will become a part of the Aerospace Center on July 1st, coming under the operational control of the Aerospace Cartography Department.

The employees of the office indicated that they would like to visit the Aerospace Center and were granted permissive TDY so that they might come to St. Louis at their own expense and visit the two installations.

Special briefings and tours have been arranged by the Aerospace Cartography Department which will include an overview of the operations of all five of the Center's departments.

The group has been on the move since their arrival at nine this morning and will leave this afternoon after a day filled with specialized area briefings and viewing of the latest MC&G equipment in operation.

The 90 plus persons visiting St. Louis represent about half of the Kansas City Office workforce.

A feature article on the KCO will be carried in the July 8th edition of the *Orienter*.

## AF Scientific Advisory Board Meets At Center

The U.S. Air Force Scientific Advisory Board, ad hoc committee on Cruise Missile Technology, met in special sessions at the Aerospace Center June 2nd to receive briefings on the Center's work in support of the cruise missile program.

In advance of the Aerospace Center briefings the McDonnell Douglas Corp. presented briefings and discussion on their role in the cruise missile program.

Engineering, University of Maine; Jerold Gilmore, division leader, NASA/ARMY Department, Charles Stark Draper Laboratory; Dr. E.O. Hartig, director, Corporate Research and Engineering, Goodyear Aerospace Corporation; Marvin Holter, executive vice-president, Environmental Research Institute of Michigan; Professor McCarthy of Massachusetts Institute of Technology; Dr. Zrak of MITRE Corporation; and Lt. Colonels Hager and Howell of the Scientific

# Orienter

DEFENSE MAPPING AGENCY AEROSPACE CENTER

Vol. XIX, No. 11

June 10, 1977

## JSTPS, JCS Members Join DMA Director In Visit to Aerospace Center



Distinguished visitors to the Center on May 31st meeting with DMAAC Director, Col. James St. Clair (left) included: (left to right) Maj. Gen. Jerome O'Malley, vice director for Operations, Operations Directorate, JCS; Vice Admiral Frank McMullen, Jr., vice director, Strategic Target Planning of JSTPS; Vice Admiral Shannon Cramer, Jr., DMA Director; Col. Richard Peterson, SAC Liaison Officer to JSTPS, Brig. Gen. James Enney, chief, National Strategic Target List Division, JSTPS and Brig. Gen. George Miller, deputy chief of staff, Operations Plans,

The Vice Director of the Joint Strategic Target Planning Staff, members of his staff, and the Vice Director for Operations, Joint Chiefs of Staff, joined Vice Admiral Shannon D. Cramer Jr., Director of the Defense Mapping Agency in a visit to the Aerospace Center May 31st.

The group of seven were in St. Louis for special orientation briefings at the Center.

Among the visitors were: Vice Admiral Frank McMullen, Jr., vice director, Strategic Target Planning of the JSTPS; Air Force Major General Jerome F. O'Malley, vice director for Operations, Operations Directorate, Joint Staff, Organization of the Joint Chiefs of Staff; Air Force Brigadier General George D.

Miller, deputy chief of staff, Operations Plans, Headquarters Strategic Air Command with additional duty as deputy director for the Single Integrated Operational Plan of the Joint Strategic Target Planning Staff; Air Force Brigadier General James C. Enney, chief, National Strategic Target List Division, JSTPS and Brig. Gen. George Miller, deputy chief of staff, Operations Plans,

Members of the Scientific Advisory Board ad hoc committee attending included: Dr. Raymond Bisplinghoff, director of Research and Development, Tyco Laboratories, Inc.; Dr. John Galt, director, Solid State Sciences Research, Sandia Laboratories; Dr. Ivan Getting, president, The Aerospace Corporation; Dr. Richard Gibson, chairman, Department of Electrical

Hager and Howell of the Scientific Advisory Board.

Attending the meeting from the Defense Mapping Agency headquarters was Brigadier General Albro and Lieutenant Colonel Hibbs of the Plans and Requirements Directorate.

The briefing sessions began at ten in the morning and included a working lunch before concluding well after 3:30 p.m.

## ***Kuhn Elected Missouri AFA President***

Donald Kuhn of the DMAAC Aeronautical Information Department was elected president of the Missouri Air Force Association during the state convention held in St. Louis May 21st.

Kuhn has been president of the St. Louis Chapter and was instrumental in the re-vitalization of the chapter during the past four years.

Other officers elected to serve during the next year with Kuhn were: Stu Popp, Vice President (from DMAAC); Vince Bauman, Treasurer and Wallace Brauks, Secretary.

New constitution and by-laws for the Missouri association were also adopted at the convention, which was held at the Marriott Hotel near the airport.

The climax of the convention was the Outstanding Airman Award banquet featuring the keynote address by the Chief Master

Sergeant of the Air Force Thomas Barnes. During his speech Sergeant Barnes presented the Outstanding Airman Award to MSgt. Gary Young of the St. Louis Air National Guard.

In his acceptance of the presidency, Kuhn expressed a desire to make the State Air Force Association a more active organization, bring unity to the efforts of the five chapters located within the state.

During the banquet special certificates of recognition were presented by the National Air Force Association President, George Douglas, to individuals and organizations who have been active supporters of the Greater St. Louis AFA chapter. Among those honored were the Aerospace Center and its Director, Col. James St. Clair. Other organizations recognized were Emerson Electric, McDonnell Douglas and General Dynamics.

Brig. Gen. George Miller, deputy chief of staff, Operations Plans, Hq SAC.

## ***Last of Originals— Dick Palm Retires***

The last of the original group of employees hired in June 1941 by the Map Section of the Intelligence Division of the Office of the Chief of the Air Corps, U.S. Army in Washington D.C., retired on May 16th of this year closing out an era in the Aerospace Center history.

Dick Palm joined the old Map Section in Washington on June 9, 1941. That organization was to become the Air Force Aeronautical Chart and Information Center in later years and then in 1972 another name change and the Defense Mapping Agency Aerospace Center emerged.

"There were about seven or eight people in the office," Palm recalls. "It was just one little room in the Munitions Building. Most of the work at first was being done under contract with other agencies, but we had one drafting table. I remember sitting on a couple of encyclopedias because we didn't have a high enough chair."

The Map Section was actually a hold over from World War I, though it had been more of a records office. A file of aeronautical charts as they existed in those days was kept in the office.



Palm moved with the organization in June 1943 to St. Louis where he worked for about a year before being drafted into the Army.

He served as a rifleman with the 103rd Infantry Division and was wounded when hit by a hand grenade at Alsace-Lorraine.

After discharge in 1946 he returned to the Chart Center and

James C. Elnley, chief, National Strategic Target List Division, Joint Strategic Target Planning Staff; Col. Richard Peterson, SAC Liaison Officer to JSTPS; Lieutenant Commander Litvin of JSTPS and Air Force Major Dennis Bush of the Joint Chiefs of Staff.

The Joint Strategic Target Planning Staff prepares and maintains, on a day-to-day basis, a National Strategic Target List of targets selected for attack in a general nuclear war, and a Single Integrated Operational Plan for the attack of these targets by committed and coordinated forces.

### **Inside**

Flag Story . . . . .	Pg 2
Honor Roll . . . . .	Pg 3
Retirements . . . . .	Pg 3
Sports . . . . .	Pg 4

worked in various departments of the Plant including the NASA Project Office. At the time of his retirement he held a staff position in Programs, Production and Operations Directorate.

Palm retired with 36 years of Federal service with all but his military service with the Aerospace Center.

When asked about his retirement plans the "Last of the Originals" replied, "In retirement, my wife and I plan to travel extensively and I hope to fish, play golf, garden and possibly do some volunteer work. I also plan to continue involvement in church, rock club and Dahlia Society."

## Sec Def Says Energy Is a Security Threat

Secretary of Defense Harold Brown told the House Ad Hoc Committee on Energy that "There is no clearer or more serious threat to the long-term security of the United States and to its allies than that which stems from the growing deficiency of secure and assured energy resources."

He pointed out the enormous economic development which the world has seen in the twentieth century and particularly since World War II, including the phenomenal German and

Japanese economic resurgence, has been almost entirely based on the fact that unrestricted and inexpensive energy was available from oil and natural gas, with oil by far predominant.

Stating that the world had a brief sample of what an oil shortage could do in 1973-74, he said, "It follows, therefore, that a cutoff or deep reduction of oil and gas would result in the destruction or at least the crippling of the advanced free-market economies within a relatively short span of time."

While the United States can reduce its dependence on outside sources, he noted, Japan and Germany are not so fortunate.

Secretary Brown said, "We in Defense believe that:

"The United States needs to minimize its dependence on Persian Gulf oil and develop alternative sources of supply, preferably in the Western Hemisphere.

"The United States should secure a billion-barrel petroleum stockpile as quickly as possible.

"The United States should develop alternative supplies of energy, both conventional and nonconventional, to reduce demand on a depleting world oil resource base."

Secretary Brown said he believes "there is comparatively little time for the United States to respond to the President's call and move towards reducing its dependence on imported oil. Failure to do so will impose increasing risks to our national security in the next few years and lead inexorably to the collapse of the world oil supply/demand

## Two Centuries Ago:

# '... A New Constellation'

Between flights from the city of Philadelphia before advancing British forces, the Congress of the new nation of the United States of America, enacted the charter establishing our Nation's flag on June 14, 1777.

The resolution spelled out the requirements for the flag: "Resolved that the flag of the United States be 13 stripes alternate red and white, that the Union be 13 stars white in a blue field representing a new constellation."

Although the American flag established by that resolution was flown by Naval vessels during the American Revolution, for almost a decade after the end of the war no U.S. military unit carried the new Stars and Stripes. At the war's end, the Navy was sold and the Army disbanded, except for a few troops. Thus, from August 1785 until 1794, when a new Navy was established, only American merchant ships carried the flag.

Congress, before adopting the resolution, had expressed a unanimous opinion that the new flag should not resemble the British flag; yet the colors chosen for the "Stars and Stripes" were exactly those of the English "Union Jack." Flag makers used their imaginations in designing red, white, and blue banners. The U.S. Army, moreover, did



Whether raised at home, flown at a military installation, or carried in a main street parade, the Stars and Stripes symbolizes our Nation's history and the American way of life. The flurry of American flags being carried in the picture above were part of President Carter's Inauguration Day Parade down Pennsylvania Avenue in Washington, D.C.

## Bits And Pieces

From the Black book:

For most school is out and summer vacations are being planned and in some cases started. At my house we're in the planning stage. My son wants to go to Florida and Disney World; my wife will go about anywhere as long as we don't camp where the mosquitoes are; my three year old daughter just wants to go boat riding and see lots of horses; as for me, I'd just as soon stay home and let everybody else go. I don't know who will win out but come the end of next week, plans or no plans, the Blacks will be off on vacation. On the theory that I won't be able to stay home, I've oiled up the rod and reel and bought a new group of lures that the salesman said, "are guaranteed to bring 'em in." I'll believe that when I see it.

-0-

Speaking of vacations . . . we

Speaking of vacations . . . we welcome the people from the Kansas City Office to the St. Louis version of the Aerospace Center. They're here today on what perhaps could be termed a mini-vacation, and we stress the mini. I had the pleasure of visiting the KC Office a couple of weeks ago in preparation of an Orientor feature on the unit to be published in July. I was most impressed with the people of the Office and their keen interest in their jobs and their organization.

-0-

I noted in The Rotarian magazine the other day that one of the ex-Center commanders was making news and using his mapping skills fruitfully. Retired Col. Byron Schatzley, now living in a suburb of Dayton, Ohio, was the project officer of a special publication called Project Cross Fire put out by the Rotary Club of Bevercreek, Ohio. The booklet, suggested by the colonel to educate residents on crime prevention methods, was distributed to all citizens. It was used in conjunction with a neighborhood watch which used maps, plats and sightlines to lay out and assign areas of responsibility. At first the booklet dealt only with burglary, then sections were added on prevention of rape and defense against swindlers and con artists. A tip of the Black hat to the former mapper for coming up with the idea and carrying it through to completion.

dib . . .

the world oil supply/demand balance in the next decade. Should that occur, the effects on security and economic viability of this nation and the free world will be catastrophic."

## Thomas' Daughter NHS Selectee

Janis Karon Thomas, daughter of Leroy Thomas, LOPS, was inducted into the National Honor Society, Vashon Chapter, recently.

Membership is based on scholarship, leadership, service and character.

Janis attended Phillips Academy in Andover, Massachusetts during the past summer on a special scholarship from the school. She graduated from Vashon High School this month.

She plans to attend Northwest State University at Maryville, MO, this fall.

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. Opinions expressed herein do not necessarily represent those of the DOD.

Col. James H. St. Clair  
Director

David L. Black  
Chief, Public Affairs Office  
Editor

U.S. Army, moreover, did not carry the Stars and Stripes for another half century, instead carrying its own Army flags of various designs.

When the King of Naples decided to open his ports to U.S. ships in October 1778, his ambassador asked Benjamin Franklin and John Adams, the U.S. representatives to the Court of France, for a description of the U.S. flag.

The statesmen answered, "It is with pleasure that we acquaint your excellency that the flag of the United States of America consists of thirteen stripes, alternately red, and white; a small square in the upper left, next to the flag staff, is a blue field with thirteen white stars, denoting a new constellation."

Their reply continued in a manner which was undoubtedly confusing: "Some of the States have vessels of war distinct from those of the United States. For example, the flags of the vessels of war of the State of Massachusetts Bay have sometimes a pine tree; and those of South

Carolina, a rattle-snake in the middle of thirteen stripes. Merchant ships have often only thirteen stripes, but the flag of the United States ordained by Congress is the thirteen stripes and thirteen stars above described."

Nearly 135 years elapsed before the design of the national flag was officially fixed in exact detail. Although June 14, 1777, is designated as the birthday of our flag, there were two major changes after that date. In 1794, Congress enacted a bill saying that on May 1, 1795, the flag of the United States should be "fifteen stripes alternate red and white; and the union, fifteen stars, white in a blue field."

On April 4, 1818, additional specifications were enacted into law when Congress stated that beginning July 4, 1818, the U.S. flag was to be "thirteen horizontal stripes, alternate red and white; the Union, twenty stars, white in a blue field." A second section of the brief law provided that on the Fourth of July following the admission of every new State, a star should be

added to the Union.

There are numerous stories and myths concerning the history of the U.S. flag, including the most famous one associated with Betsy Ross. One flag historian disposes of this myth by saying, "At a time when the life of the Nation was hanging in the balance, that men of the intellectual caliber and heavy responsibilities of George Washington and Robert Morris would fritter away an afternoon in familiar discussion with an indigent seamstress over the trifling detail of how the stars in a flag should be cut and arranged exceeds the reasonable bounds of human credulity."

It is the history of the people represented by the American flag which gives it true significance. The flag itself is simply a banner, but as Woodrow Wilson stated on Flag Day in 1917, "We celebrate the date of its birth; and from its birth until now it has witnessed a great history, has floated on high the symbol of great events, of a great plan of life worked out by a great people."

# FLAG DAY: June 14

## Careers Close

**VERNON B. FETSCH, ACNA**, departed recently on extended leave pending retirement. He had 31 years, 8 months total Federal service.

He enlisted in the Navy in May 1943 and was assigned to radio operators school but was to end up as a photolithographer when discharged in March 1946.

He returned to Federal service in July 1948 at the Aeronautical Chart Plant at 12th & Delmar and was assigned to the Cartography Division as a carto aid. His entire career here has been in the Cartography Department where he was assigned as a senior cartographer at the time of his departure.

"Retirement plans besides hunting, fishing, traveling, swimming and relaxing," said Fetsch, "will be improving myself in my hobbies of CB radio, amateur radio (code, etc.) home remodeling (you know—the light stuff—nothing heavy). I am considering traveling to some mines with a lapidary friend and look especially for opals, because that's the type of stone my wife prefers above all other jewelry. Also want to see if I can find some of those Arkansas diamonds.

"I've left many friends at DMAAC, but I plan on staying in touch with as many as possible," added Fetsch. "I have always enjoyed my type of work at the Chart Plant."

**CLARENCE W. HUNTER, JR., ACIBB**, departed recently on extended leave pending retirement.

He served in the Air Force from August 1946 to July 1949.

In August 1954 he entered on duty at DMAAC as a cartographic photo aid and was assigned to the Photogrammetry Division. He

and then became an air intelligence specialist while assigned to Missile Support Department. He returned to the cartographer position and was assigned to Cartography Department until the recent reorganization.

"There are many friends at DMAAC I will miss being with and I hope to see them periodically. My retirement plans are indefinite at this time," said Hunter.

**WILLIAM J. SPRINGLI, ACIAB**, retired on April 29 lacking two months for 32 years total Federal service.

During WW II, he served with the Naval Air Force from March 1943 to April 1946.

He began his employment at DMAAC in July 1948 and was assigned as a cartographic aid. He later became a cartographer and then supervisory cartographer.

During his career he was assigned to Photogrammetry, Cartography and Missile Support Departments and at time of retirement was assigned to the Aerospace Cartography Department.

Springli said his retirement plans are, "to enjoy life by doing what we want, when we want to."

**ERNEST M. SCHAEFER'S, PDA**, retirement is effective June 14.

He served with the Coast Guard, Air Sea Rescue, from 1951 to 1954. He was assigned to the Naval Air Station at San Juan, Puerto Rico, for two years.

Upon discharge from the Coast Guard he joined DMAAC in October 1954. He was assigned to the Plate Division of Printing and Distribution Department as a platemaker.

"I plan to enjoy Missouri's foothills and sunshine and do the best I can to raise my children"

## Eleven Selected For 3 Rs

The Director has approved Long-Term Full-Time Training for the Academic Year 1977-78 for the following employees.

William J. Sdrodowski, Computer Sciences (Hardware), Washington University; Judith P. Davenport, Barton J. Kemery and Opal L. Power, Computer Sciences (Info Systems), University of Maryland; Lester J. Savoy, Computer Sciences, (Hardware), University of Maryland; James R. Hawk, George L. Soscia and Curtis B. Ward, Geodetic Sciences (Photo), Purdue University; Randal E. Simpson, Geodetic Sciences (Geodesy), Ohio State University; Paul F. Pals, Remote Sensing/Image Processing, Purdue University; Jeff R. Ingram, Automated Cartography, Ohio State University.

Selections were made by the Executive Manpower Resources Board.

## Bud Luna IMAGE President

The National IMAGE convention, held in San Antonio during May, has elected DMA's Baltasar "Bud" Luna as National President to serve a two-year term. Luna is well qualified for the post, having just completed his term as National IMAGE Secretary.

IMAGE, an organization devoted to a unified effort of research for

## New Officers For Women's Club

The DMAAC Women's Club luncheon and installation of officers took place at L'auberge Bretonne on May 12. Mrs. Henry Puricelli was installing officer.

Officers for the 1977-78 year are: Mrs. Kenneth Swehla, president; Mrs. Paul Needham, first vice president; Mrs. Lewis Rosenbaum, second vice president; Mrs. Glen Mulkey, recording secretary; Mrs. Michael Kazmaier, treasurer, and Mrs. George Strebeck, corresponding secretary. A long stemmed red rose was presented to each person as she was installed to her office.

Mrs. Puricelli presented gifts to

Mrs. Exler for her hard work as president the past year. Mrs. Edward Moore presented a farewell gift to Mrs. Thomas Crawford.

Mrs. Walter Clasen, first vice president, announced that over \$1400 derived from the club's projects was forwarded to their philanthropies.

The Spring rummage sale held on May 13 netted over \$200, which will also be used for the club's philanthropic endeavors.

The club extends their thanks to all DMAAC for the assistance provided to make the project a success.

## Bond Buyers Say . . .



"I purchase U.S. Savings Bonds as a means of saving for retirement. I plan to convert my Series E Bonds to Series H Bonds for retirement income and to take advantage of the income tax savings."

—Brady Barr  
ACDC

## May Honor Roll

35 YEARS

Fannie P. Pope, Sam Lambrinos

30 YEARS

Louis I. Lang, Gene T. Snyder, Anthony Katunar, George W. Cook, Chester F. Myers, David E. Shea, John E. Williams.

25 YEARS

Francis X. Anderson, Sara M. Elliott, Donald A. Gorris, James L. Zimmer, Robert G. Halden, Frank A. Hallemann, Robert J. Fairchild, Henry P. Puricelli.

20 YEARS

Emil G. Kemp, Emelia J. Droege.

15 YEARS

John W. Miller, Clifford E. Doetzel, Jr., Donald L. Nauert,

Photogrammetry Division. He best I can to raise my children," advanced to cartographer in 1957 said Schaefer.

## **DMAAC Exhibit Depicts Aviation History**



Some of the more than 50,000 persons who attended the Scott Air Force Base open house May 28th look over the Aerospace Center exhibit on the history of aviation and cartographic support to aviation. The exhibit, which began with the hot air balloon and ended with today's space shuttle and B-1 bomber, received many compliments from spectators. The exhibit is now on display in the Building 36 first floor hallway.

## **Series E Bonds Earn 6% Interest**

June 10, 1977

Orienteer

Page 3

to a unified effort of concern for government employment and equality of Hispanic Americans, consists of more than 60 chapters in this country. Luna organized the local Chapter of IMAGE and has been very active in the national affairs of the Hispanic movement in recent years.

## *In Sympathy*

**CHARLES R. VOGEL**, Defense Fuel Supply Center-RC, died on May 28.



He had been an employee of the office since July 1958 under Air Force jurisdiction, July 1973 under the Defense Logistics Agency, and was traffic manager for the past 11 years. He worked with the Defense Traffic Management Service for a year after working for Missouri Pacific Railroad for five years.

Services were held at St. Martin de Porres Church with interment at Sacred Heart Cemetery.

He is survived by his wife Elizabeth Ann and two sons.

### **Bond Buyers Say . . .**



*"I have purchased U.S. Savings Bonds for many years of my nearly 35 year career. I purchase bonds because I feel that each employee should support the organization to which he is assigned. It also provides me a method of regular savings for my retirement."*

—Harry Weinman  
ACNA

John W. Miller, Clifford E. Doetzel, Jr., Donald L. Nauert, Russell W. Cline, Rodney A. Stecher, Robert W. Valska, Dominick E. Carosone, Louis Bryson.

### **10 YEARS**

Charles E. Youngbert, Kenneth M. Bastholm, Richard A. Gephart, James E. Swize, Helen Wizeman, Robert W. Florida, Thelma A. Maltzman, Carol S. Dee, Cassandra J. Mason, Wilda L. Pogue, Mildred M. Travis.

### **OUTSTANDING PERFORMANCE RATING**

Lawrence F. Ayers, Max G. Hurst, Carl R. Maguire, Patricia K. Chapman.

### **OUTSTANDING PERFORMANCE RATING/QUALITY SALARY INCREASE**

Travis T. Cole, Sherry L. White, Charles R. Bonham, Donald R. Varner, Francis G. Sethman, Thomas E. Rond, Albert J. Pyszka, James B. Courtney, Gary V. Edwards, Harold L. Lewis, James R. Oakes, Clinton R. Honaker, Earl C. Hill, Jr., David L. Black.

### **OUTSTANDING PERFORMANCE**

**RATING/SUSTAINED SUPERIOR PERFORMANCE**  
Louise M. Calloway, Jo Anne Daugherty.

### **QUALITY SALARY INCREASE**

Eugene I. Vogt, Glenda N. McGuire, Debra K. James, Carla M. Wertenberger, Fred M. Goff.

### **SUSTAINED SUPERIOR PERFORMANCE**

Lawrence V. Klages, Ernest E. Adams, Edward W. Allen, Rollie Comer, Jr., Charles J. Maher, Robert R. Greene, Jr., Mary L. Wolverton, Bessie F. Godair, Mary E. Favier, Vicki L. Melton, R. Gordon Mull, Kenneth F. Knobbe, Eugene F. Eilersieck, Gerald A. Hoeflich, Michael A. Davis, Jr.

### **SPECIAL ACHIEVEMENT AWARD**

Gene H. Niederschmidt, Joe M. Estes, Kathleen Sandy, Earl C. Hill, Jr.

## DMAAC Softball League Early June Action

Thales McReynolds in another power sweep led the Panthers to a 24-16 victory over the Cougars, June 1st.

McReynolds set a team record by hitting two homers his first two trips at bat, bringing the total to five consecutive home runs.

In the next two innings, McReynolds got on base with a single in the third and a double in the fourth.

Johnny Hall and Felton Mitchell had hot bats, too. Hall went four for six, all singles, with three RBI's. Mitchell equaled Hall in hits going 4 for 5. Both players accounted for

seven of the 24 runs piled up against the Cougars.

All players were well prepared for the game. Three other players had homers in addition to the two hit by McReynolds.

Thibodeaux hit a solo and Mathews followed with a 2 run blast in the 3rd. Frank Mosley continued to pile it on in the sixth with a three run homer.

Manager-Player Jerome Reynolds, who went 3 for 4, said the team will be ready for the Chargers next outing. The Chargers fell to defeat at the hands of the NADS, 18-4.

### Standings

Team	W	L
Nads	4	0
Chargers	3	1
Mustangs	3	1
Panthers	2	2
Gorillas	1	2
Cougars	1	2
Zymurgies	1	3
Twins	0	4

## NCOs Demolish Officers On Derby Day

It was the NCOs 15 and the Of-

## Craftsman Award

Chris Azar, a 1977 Graduate of North County Technical High School, son of Charles Azar, PDLA, has been selected by the St. Louis Club of Printing House Craftsmen as the student with the highest academic and craftsmanship skills. He has been presented with a citation and will be honored at a dinner given by the Craftsmen Club.

Chris placed first in the Regional Graphic Communications Skill contest and first in the State Contest. He will represent Missouri at the National Contest to be held in Cincinnati, Ohio, the third week of June.

### Bond Buyers Say...



*"Through payroll deduction, Savings Bonds are an easy way to save. You put them away and forget about them, and the first thing you know you have a nice nest egg."*

—Nancy Gresham  
PA

## PP Golf Outing Brings In Retirees

Several retirees of the Aerospace Center joined members of the Programs, Production and Operations staff in the annual spring golf outing held at Fox Creek during the first part of May.

The outing was limited to present and past members of the PP staff

Adams, Ken Sherertz and Lee Sturm.

The hole-in-one prize (a crying towel) was presented to Glen Mulkey for closest to the 205 yard, Par 3, 9th hole. Glen, the only golfer landing on the green, was only a mere 34.3 feet or 22.65

## AFA Convention Highlights



Chief Master Sergeant of the Air Force Thomas Barnes (center) congratulates Donald Kuhn (left), newly elected President of the Missouri AFA and MSgt Gary Young, 1977 St. Louis Outstanding Airman, during the recent Missouri Air Force Association convention held in St. Louis.



National Air Force Association President, George Douglas, presents a certificate of appreciation to DMAAC Director, Col.

It was the NCOs 15 and the Officers 8 on Derby Day at the Allison Sports Complex. As the NCOs demolished the Officers short-stop "lightfoot" Howard set a new sports complex record with seven RBI's. Howard hit the first grand slam of his career in the third inning and also hit a two run homer in the fourth inning.

Horace "bench" Allborty also hit one over the fence in the fourth.

The NCOs got plenty of help from their hero, Art "Superstar" Hamilton, who had three hits and four RBIs while pitching a strong game. Every NCO contributed a great part to the win as they totaled 23 hits.

There were outstanding defensive plays by the NCOs as well. Manager Robbie played an outstanding game at second base and other defensive stand-outs were Dick "Fire Iron" Johnson, "Short Timer" Miller, and "Sky Pilot" Bennett.

The only bright spot for the Officers was Bob "All American 1936" McKenzie who hit one drive off the right field fence that drove in two runs.

One NCO deserves special mention—Ed "Cheerleader" Granthum, who helped with his moral support.

The outing was limited to present and past members of the PP staff and retirees attending included: Paul Brauner, Gerry Johnson, Floyd Lamar, John Menos and Charlie Miller.

The winning foursome was presented trophies for their 16 stroke net score win over the nearest competitor. The winning team was composed of: Gerry Johnson, captain; Ewart "Chops"

## West's Son AF Policeman

Robert V. West, GDD, recently received a letter from the Security Police Squadron Blytheville Air Force Base, Ark., informing him of his son's outstanding performance as a security policeman at the SAC installation.

In the letter, Maj. David Bond, the squadron commander expressed his praise for the airman who had been assigned on the base since August of 1975. "Not only does Gary do well in the formal aspects of his job, but he also excels in informal flight activities," said the Major. "Much of his off duty time is spent in formal education where he is working on a college degree."



## Bond Buyers Say ...

*"I use my bonds as a way to supplement my retirement plans."*

—Lou Sachsenheimer  
NFFE Local 1827 Union President

golfer landing on the green, was only a mere 74.3 feet or 22.65 meters from the pin.

According to accounts of the day all players became instant winners on the 19th hole with a pitcher of beer and a golf ball properly inscribed with the word of the day.

Credit was given to Tom Sepelin for planning and organization.

## Reed Has Photo Exhibit

Earl Reed, photographer in SDRG, now has several of his photographs on exhibit in the lobby of the Spanish Lake Bank and Trust.

The photos represent just a few of the many scenic photographs taken during a recent five month tour of the Rocky Mountain area.

Two of the photographs are of the Sandy Creek bridge in Jefferson County Missouri. Sandy Creek bridge is one of the five remaining covered bridges in the state.

## Litho Club Honor

Cathy Morgan, a 1976 graduate from the Graphic Arts Department of North County Technical High School has been selected to receive the graphic arts training award from the St. Louis Litho Club.

Cathy is the daughter of Art Morgan, chief PDLB.

presents a certificate of appreciation to DMAAC Director, Col. James St. Clair, for contributions made by him and his organization to the Greater St. Louis Chapter of the AFA.

## Weather Satellites to See Through Clouds

Say "microwave" and many people think about ovens, but the Air Force is about to begin using microwave technology to penetrate clouds and gather weather data.

A microwave temperature sounder has been developed for the Air Force Space and Missile Systems Organization (SAMSO) in Los Angeles and will be launched this fall aboard a SAMSO satellite.

According to SAMSO officials, the microwave temperature sounder will complement presently used temperature sounders in gathering weather data. Microwave transmission is able to "see" through most clouds for temperature information. However, temperature sounders presently used on weather satellites measure infrared radiation and cannot "see" through clouds.

The new sounder will also be able to measure atmospheric temperatures at higher altitudes, up to 20 miles above the Earth's surface. Infrared sounders can only reach atmospheric temperatures up to about 15 miles. Meanwhile, the older infrared device will continue to be used because it can provide water-vapor measurements at various altitudes and has a higher accuracy for measuring tem-

peratures when clouds are not present.

Worldwide temperature information taken by the sounders will be sent to the Air Force Global Weather Central at Offutt AFB, Neb., and to the Navy Fleet Numerical Weather Central, Monterey, Calif. Temperature information will be processed with other weather data for military use, including a worldwide daily weather forecast.

Information from Air Force weather satellites is made available to the civilian community through the National Oceanic and Atmospheric Administration.

**Betsy Ross**  
"You'll have money saved in a stitch with U.S. Savings Bonds."