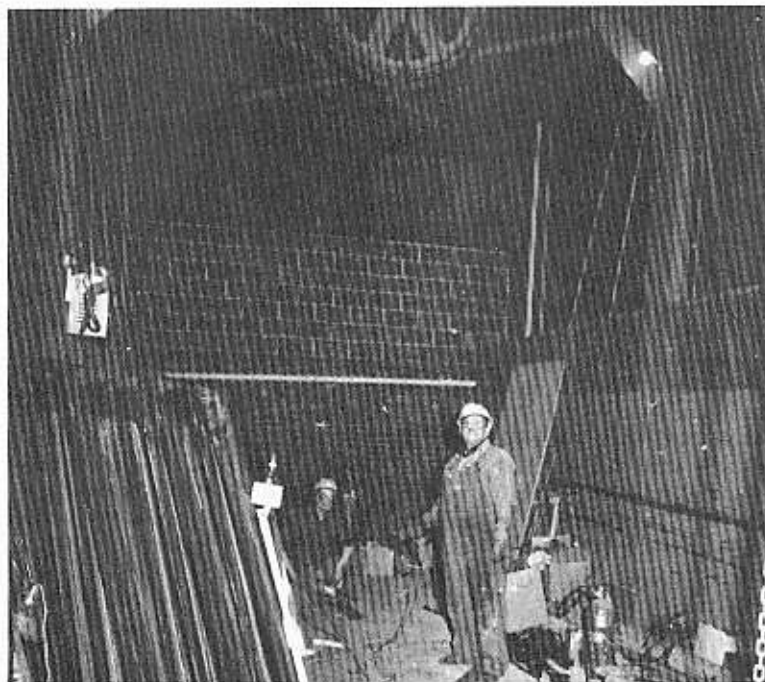


Orienteor

DEFENSE MAPPING AGENCY AEROSPACE CENTER

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March 12, 1982



Photos by Frank Aufmuth

At work inside Elevator 7 are Kurt Sydnor (left) and Eugene McGahan of the St. Louis Elevator Co. The new doors at left will be installed as part of the improvements being made to the elevator, in use continuously since 1919. McGahan, incidentally, is scheduled to retire today (March 12) after 35 years in elevator construction. His father before him was also in elevator construction.

Overhaul for Old Faithful

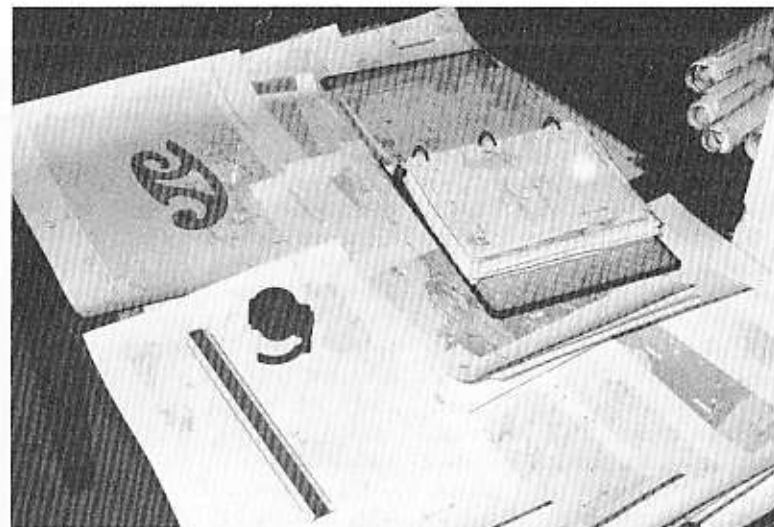
Alexander Guard's Top NCO Retires

Eric Alexander (SDRA), branch chief in the Precision Photographic Division, ended a 33-year military career in February. A chief master sergeant with the Missouri Air National Guard, Alexander retired from the 131st Tactical Fighter Wing at Lambert-St. Louis International Airport.

Alexander was the Air National Guard's Senior Enlisted Advisor for Missouri. He has been employed at the Aerospace Center since 1944, about two years after his graduation from Kinloch High School.

As Senior Enlisted Advisor for the Missouri Air National Guard, Alexander's function was to advise the commander and staff on the welfare and utilization of approximately 2,000 enlisted Air Force reservists in the state.

An infantry recruit, Alexander began his military career at Camp Funston, Ft. Riley, Kan., in 1949. After completing his tour, he returned to civilian life at the



Charts produced by the Aerospace Center for the Columbia space shuttle re-entry and landing sequence.

Third Voyage of Columbia

The space shuttle sits poised and ready for its third journey into space. On the morning of March 22 it will lift off from the Kennedy Space Center, ascending at the head of a huge fireball. Shortly thereafter, it will slip the bonds of Earth's gravity and begin its orbit of our planet. The Columbia will circle the globe 116 times before touching down. The mission will last seven days.

Months before Columbia's astronauts, Jack Lousma and C. Gordon Fullerton, begin the final countdown, the people of the Aerospace Center were preparing the charts and maps for the third voyage of the shuttle. Even before the Columbia touched down from its second flight, in November, the

The Canadian-built remote manipulator arm will be tested for the second time. It will grapple and hoist two instrument packages into space that will collect data on the Columbia's space environment.

Another test will use a miniature greenhouse to test the effect of weightlessness on plants. Other instruments will measure Columbia's thermal response to long periods of exposure to the sun.

The shuttle is scheduled to land on the dry lake bed at Edwards AFB, Calif. But before the nose of Columbia even touches the ground, Aerospace Center personnel will be busy creating the maps and charts

A lot of smoke has gone up the chimney since Freight Elevator 7 at the north end of Building 36 carried its first load. The venerable elevator, which has been in service since 1919, is as old as Building 36 itself, according to Robert Wolverton, chief of the Construction Management Office (FEEC). Now, it is undergoing a complete overhaul under a contract with the St. Louis Elevator Co.

According to Wolverton, Elevator 7 is the last elevator in Building 36 to be upgraded as part of an on-going program under the direction of Maj. George A. Jacoby, Director of Facilities Engineering. The improvements have included conversion from manual to automatic operation, addition of safety and handicapped features, and the installation of a key device for the dispensary that returns certain elevators to the first floor in an emergency.

Most visible of the improvements to Elevator 7 will be the new power-operated doors that will replace the old hand-operated doors, according to project manager William Wittmann. There will also be a new power-operated leveling, or "inching" device that gives the elevator the capability to inch up or down to the level of the bed of a truck which may be unloading. With the elevator's load capacity of 30,000 pounds, a van could alternately be driven onto the elevator and taken to the floor specified for unloading.

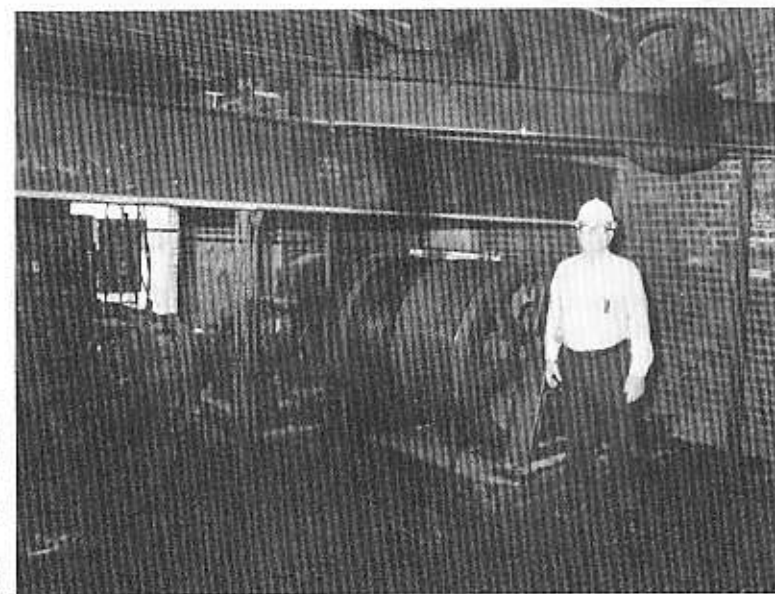
The elevator's mechanical works, in a penthouse atop Building 36, are scheduled for replacement as part of the project. The mechanical works include the present "antique" engine, which has been in service as long as the

elevator. Security roll-up doors also are being installed among numerous other improvements.

Wittmann said that, while the improvements being made constitute a complete overhaul, Elevator 7 will be back in operation as soon as possible.

Noting the elevator's remarkable length of service, Wolverton commented, "The other elevators could last just as long with proper use."

"All employees are requested to cooperate by using the elevator equipment with care," Wittmann added. Wittmann, incidentally, transferred to the Aerospace Center from the General Services Administration in St. Louis last Dec. 15.



Project Manager William Wittmann shows the mechanical works of Elevator 7 inside the penthouse on the roof of Building 36. For more than 60 years, the pulleys have been powered by the engine at left, in front of the penthouse door. It will be retired as part of the elevator improvements.

Aerospace Center. However, he was recalled for duty with the Air Force during the Korean conflict, serving as a photo lithographer at Davis-Monthan AFB, Ariz. and elsewhere.

Alexander entered the active reserves at Scott AFB, Ill. in 1952 after resuming his civilian employment a second time. In 1965 he

Continued on page 3

All-Climate Capability Proved

A U.S. Air Force air-launched cruise missile proved it could perform all planned flight maneuvers despite a thick coat of ice.

This flight is the third in a series of four flight tests to evaluate the performance of the spacecraft.

During this mission Columbia will carry into space a payload of astronomy equipment and space plasma instruments.

To simulate expected flight conditions, the missile was sprayed with water from a KC-135 Stratotanker to purposely form up to three-quarters of an inch of ice on the missile's surface. A three hour, 55 minute flight ended with a mid-air recovery of the missile. While over its simulated target, the missile deployed a large parachute and was recovered by helicopter.

The launch from a B-52 aircraft was the 17th of 20 planned ALCM test and evaluation flights.

Women's Club Dinner-Dance April 23

The DMAAC Women's Club will hold a dinner-dance April 23 at the Royal Orleans, 2801 Telegraph Road. A buffet dinner will be available from 7:30 p.m. to 12:30 a.m., and there will be an open bar. The Jack Stephens Band will provide music. Tickets are \$15 per person.

For tickets or more information, phone Mrs. Joan Fahy at 843-1293.

mid-July.

Top Policeman For 1981



Lloyd R. Smith Jr. has been honored as Security Policeman of the Year for 1981.

The second-shift security policeman "consistently displayed the ability to blend courtesy with professionalism in the performance of his duties," a citation said.

Smith holds an associate degree in law enforcement and has enrolled in the B.S. program in police administration at Tarkio College. He was an Army M.P. for eight years and has been employed as a civilian at the Aerospace Center the past seven years.

Smith and his wife Florence are parents of three sons, Chuck, 15, Steven, 12, and Mark, 5.

Driving, Drinking & YOU

The Drunk Driver and the Law

by James Mohan

The 1946 edition of *Accident Facts*, a National Safety Council publication, contained the following quote: "Influence of alcohol— according to state reports, nearly 18 percent of all drivers involved in fatal accidents had been drinking." Twenty-eight years later, the publication's 1974 edition contained this quote: "Alcohol—a leading factor in fatal accidents. Drinking may be a factor in as many as 50 percent of fatal motor vehicle accidents."

Why the startling increase? Some authorities believe it is the result of improved reporting and better record keeping—but some believe that is not the entire reason. According to a recent government report, issued by the National Highway Traffic Safety Administration, a dramatic increase in the problem of drunken driving has taken place over the past two years. In 1980, 57 percent of the 28,807 fatally injured drivers were tested for alcohol, and of those tested, more than half were legally intoxicated.

Many people feel the problem has reached epidemic proportions and feel the "cure" can be found in the Law.

A number of public interest groups have formed recently to push for legislation to combat the problem of the drunk driver. Two

of the more vocal groups are RID (Remove Intoxicated Drivers) and MADD (Mothers Against Drunk Drivers). These groups serve the dual purpose of educating the public to the seriousness of the problem, and act as a citizen's lobby advocating legislation and enforcement of drunken-driving statutes.

The Missouri Chapter of RID was formed by several parents whose children were killed in traffic accidents by people later convicted of driving while intoxicated. The local group has more than 400 members. Missouri's RID is increasingly active in monitoring drunken-driving cases in local courts. They also provide aid and comfort to victims of intoxicated drivers. The main function of all RID organizations, however, is to lobby for revision of drunken-driving laws.

Through the efforts of RID and other concerned citizens, at least nine states have passed laws aimed at drunken-drivers. At least six more states will consider proposals this year, many of these especially aimed at the repeat offender.

One of the states clamping down on the drunken-driver is Maine, which has a new drunken-driving law billed as the toughest in the nation. Maine's law requires a minimum punishment of two days



driving under the influence of drugs as well as alcohol, assumes that the drivers give their implied consent to take tests when they seek a Illinois driver's license.

Those convicted of driving while intoxicated have their license revoked for a period of one year. After convicted, all findings in the individual's case are forwarded to the Illinois Secretary of State. That office keeps records on all DWI convictions, which would help in identifying repeat offenders.

In Missouri, the state senate has advanced a bill setting tougher penalties for drunken-driving. The bill, sponsored by State Senator Harriet Woods, also closes loopholes in state law that allow repeat offenders to continue driving.

Sen. Wood's bill calls for a central recordkeeping system for statewide alcohol and drug-related arrest. It also calls for the elimination of a judge's option to give a suspended imposition of sentence so that there is no record of driving while intoxicated.

Also under her bill every drunken driver arrested would face some penalty, ranging from alcoholism treatment to a prison sentence.

The bill also makes it a felony for a drunken driver to be involved in a fatal car accident. Under provisions of the bill, a drunken driver could be convicted of

CARTO GRADUATES



Graduates of Carto Class 82-A (front row, from left) are Janet Dragich, SIU-Edwardsville; Don Meier, SIU-Carbondale; Frank Chary, SIU-Carbondale; Richard Craven, B.S. and M.A., Kansas State University; and Renee Martin, Harris-Stowe State College. Second row, from left: Anthony White, University of Arkansas; William Norman, SIU-Edwardsville; Richard Menendez, B. A. and M. A., University of Missouri-Columbia; Monica Hannon, St. Louis University; Paulette Gosden (previous employee), St. Louis University; Debra Biere, B. S. from Central Missouri State University and M.A. from University of Missouri-Columbia; Stephen Wheat, SIU-Carbondale; and Joseph Zwettler, University of Wisconsin. Back row, from left: Matthew McDermott, University of Michigan; Michael Roberts, University of Missouri-Columbia; Jeffrey Siudzinski, SIU-Carbondale; William Lee, St. Louis University; James Powley, Indiana State University; Robert Culler, B. A. from Wittenberg University and M. A. from Bowling Green State University; Donald Koenig, Northern Arizona University; and Steven Geldmacher, University of Missouri-St. Louis. Not shown: Delores Frintrup (previous employee), Otterbien College.



In Sympathy

Word has been received of the death Feb. 23 of retired employee Fred W. Stroup.



Mr. Stroup served in the U. S. Army from 1942 to 1946 and was employed at the Army Records Center before coming to the Aerospace Center in 1955. At the time of his retirement in 1974, he was production controller in the former Missile Support Department.

He leaves his wife, Wilma. Interment was in Jefferson Barracks National Cemetery.

Word has been received of the death Feb. 26 of retired employee Grace E. Palmer.

An employee for almost nine years, Mrs. Palmer was a cartographic clerk in the Library Branch. She retired in July 1980.

Mrs. Palmer leaves her mother, Mrs. Elizabeth Ryan. Interment was in Calvary Cemetery.

Word has been received of the death March 1 of retired employee Virgil A. Siegrist.



A map and chart photographer, Mr. Siegrist had been employed at the Aerospace Center for 18 years. He retired in January 1981.

He leaves his wife Mary and two children. Entombment was in Oak Grove Mausoleum.

in jail, \$350 fines and a 90-day suspension for those convicted of criminal charges, and at least \$250 fines and 45-day license suspension.

Maine's governor Joseph Brennan says preliminary statistics indicate the law is reducing the number of drunken motorists. Alcohol was involved in 10 fatal accidents between Sept. 17 and Dec. 16, a 50 percent decline in the average for the period in the previous three years.

New Jersey, Maryland, Indiana, Colorado, Wisconsin, Michigan, Texas and California also revised their laws last year.

Closer to home, Illinois passed a new drunken-driving statute that went into effect midnight Dec. 31. The new law eliminated a 90-minute wait before a breath test could be administered and increased the driver's license suspension period from three to six months for anyone who refuses to take a breath, urine or blood test.

The Illinois law which covers

15 years in prison instead of the present charge of manslaughter and a six-month prison sentence.

The proposed legislation would also discourage plea bargaining for suspension of sentence on a first offense by changing the penalty from a one-year to a 30-day suspension of the driver's license. The bill includes improvement in blood alcohol testing, requires professional evaluation of repeat drug or alcohol offenders and prohibits the habitual alcohol or drug abuser from driving.

Along with changes in the law many state and local law enforcement agencies have stepped up their efforts to identify the drunken-driver and remove him or her from the road.

But according to David Baxter, state highway safety director, more needs to be done. "A law enforcement program alone has little impact on the DWI problem. What we are saying is that it is a community social problem and the whole community has to get involved."

Curbing the drunken-driver will take the effort of the police, courts and private citizens. As most authorities will tell you, we have to get the drunk driver off the road to save lives. Not only the lives of the drunk driver's victims — but also their own.

Next issue, ARTOP (Alcohol Related Traffic Offenders Program).

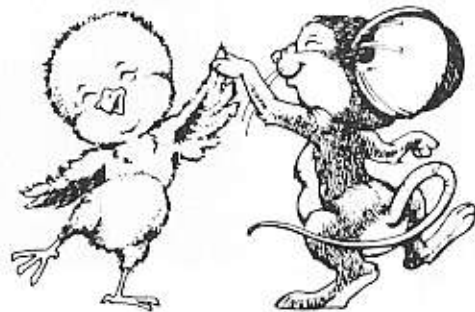
Some data for this article was supplied by the Employee Assistance Office and the St. Louis Area National Council on Alcoholism, Inc.



Graduates of Carto Class 82-B (front row, from left) are Steven Totten, SIU-Edwardsville; David Scurry, Prairie View A&M University; Morris Stringfield, B.S. from Savannah State College and M.S. from Stephen F. Austin State University; David Taylor, University of Idaho; Ned Powers, Harris-Stowe State College; CathLee Smith, B.S. from Eastern Illinois University and M.S. from SIU-Carbondale; Virginia Epler, SIU-Carbondale; and Deborah Ambuel, SIU-Edwardsville. Back row, from left: James Dumler, B.A. from Gonzaga University and M.A. from University of Kansas; Jeffrey Emig, University of California—Santa Barbara; Chester Claudon, B.S. from Carrol College and M.A. from University of Akron; Phillip Swindle, B.S.E. and M.S.E., Arkansas State University; Michael Merlo, B.S. from Lake Superior State College and M.A. from University of Michigan; Nester Nieves, University of Puerto Rico; and I. Ziegler Ahammer, University of Southern Mississippi.

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- Col. J. W. Small
Director
- David L. Black
Chief, Public Affairs Office
- Paul Hurlburt
Editor



Spring is in the air!

Kudos

Cerutti Chosen 'Sailor of the Month'

Jeannine Cerutti, employee in the Building 36 snack bar, has been notified that her daughter was named "Sailor of the Month" at the U.S. Naval Station, Roosevelt Roads, Puerto Rico.

A letter from Captain W.J.M. O'Connor, USN, commanding officer of the installation, said Ellen Cerutti was selected from over 180 enlisted personnel for the honor. "I know it is reassuring for you to learn that your daughter is serving her country in a superior manner," Captain O'Connor said.

It's a Family Affair for Daum

Janet Daum, daughter of Harry W. Daum (CMDA), has been elected to the national chemistry honor society Phi Lambda Upsilon at the University of Missouri-Columbia.

A sophomore, Janet continues the tradition of her brother and two older sisters, who are all members of honor societies. David, an electrical engineer, is a member of Tau Beta Pi; Cheryl, a molecular biologist, is Phi Beta Kappa; and Marilyn, a computer systems analyst, is also a member of Tau Beta Pi.

Cartographer Outstanding Young Woman

Jessica Dobberstein, a cartographer in the Geopositional Department, has been selected for inclusion in the 1981 volume of Outstanding Young Women of America. Dobberstein was among 23,000 young women nominated for the recognition by women's organizations, college alumni associates and public officials, according to an announcement by the program's Board of Advisors.

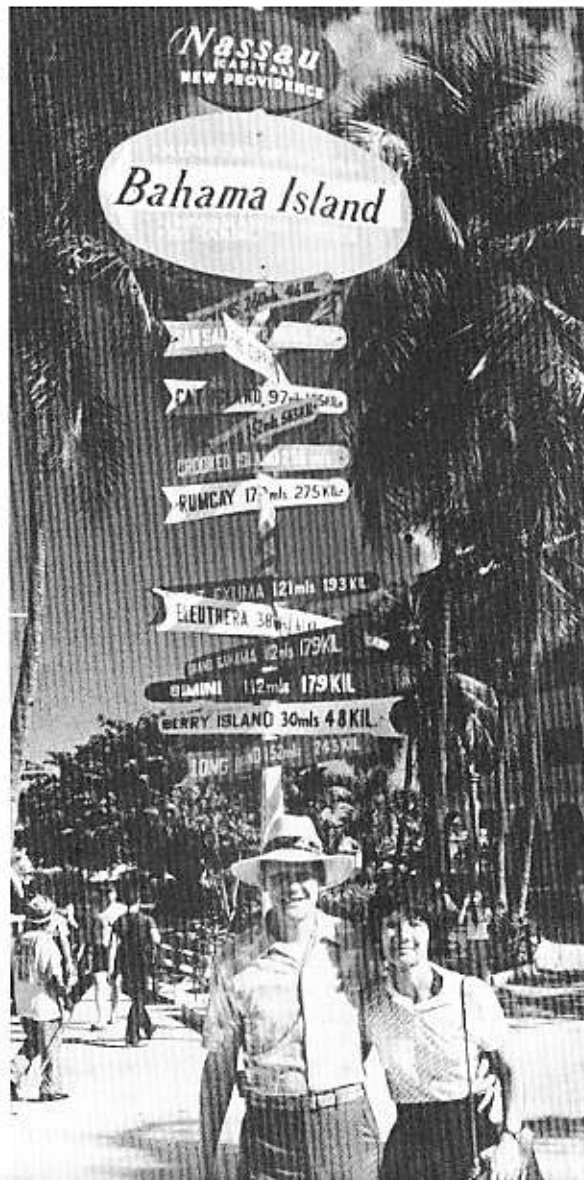
Dobberstein came to the Aerospace Center in 1980 upon graduation from St. Louis University with a B.S. in mathematics. A native St. Louisan, she is also a graduate of Notre Dame High School in the city.



Good Places To Retire

The ten best retirement

Center Employee Wins Vacation



Geodesist Grover Crisp (GDGW) and his wife Janet were featured in the Feb. 25 St. Louis Globe-Democrat after returning from a week's vacation in the Bahamas, compliments of the newspaper. Along with another couple, the Crisps were co-winners of the Globe-Democrat's "Snow Bowl" and won air fare and accommodations for the trip.

The Crisps chose to spend Feb. 6-13 in Nassau, the week after the Great Snow here. Their "Snow Bowl" entry had come closest to predicting the date, time and amount of the first St. Louis snowfall of the season. There were nearly 20,000 contest entries.

Crisp said his prediction was for 2.9 inches on Dec. 16, which was right on the money. "I missed the time by about an hour," he added. "I guessed 8:54 p.m. but it actually came around 8. The other couple came within five minutes of the correct time but were off on the amount of accumulation."

Crisp invited the other winning couple to join him and his wife for the trip, which they did, along with Globe-Democrat Director of Photography Jim Rentz and his wife.

Asked how he happened to enter the contest, Crisp said he was a regular reader of the newspaper and saw the "Snow Bowl" publicity.

"What caught my attention was the prize," he said. "That's my kind of vacation—to go south in the winter."

As winner, Crisp was able to spend his birthday snorkeling. "It was my first time snorkeling," he said. "Being able to go swimming in the ocean made the trip for me."

An Aerospace Center employee since 1962, Crisp grew up in Ypsilanti, Mich. Janet Crisp is a native St. Louisan and former teacher at Webster Groves High School. The couple have a three-year old son, Brian.



At left,
Grover and



Guard NCO Retires

Continued from page 1

switched to the Air National Guard as NCO in charge of the intelligence section. He was the Tactical Air Command's Outstanding Intelligence Non-Commissioned Officer in 1969.

Alexander was quick to praise the military for giving him the opportunity to visit places like the Azores, Spain, Italy, Turkey and the Panama Canal Zone. The military has been directly responsible for him visiting 35 of the 50 states during his 33 years of service.

Alexander will continue his employment at the Aerospace Center.

Major Petersen Departs

Major Claine J. Petersen, chief of the Security Office, departed the Aerospace Center Feb. 22. He has been reassigned to Seymour Johnson AFB, N.C. as operations officer of the 9th Security Squadron.

Replacing Major Petersen as acting chief of the Security Office is Joseph C. Michaelree.

areas for civilians in the United States according to Consumers Digest are:

- Mountain Home, Arkansas
- Edisto/Beaufort, South Carolina
- San Antonio/Austin, Texas
- Clayton, Georgia
- New Port Richey, Florida
- Richmond, Virginia
- Medford, Oregon
- Asheville/Hendersonville, North Carolina
- Truth or Consequences, New Mexico
- Port Isabel, Texas

These areas were identified as providing all the usual benefits retirees look for. The listing illustrated, also, the existence of a wide range of options outside of the traditional retirement centers.

Elected National Director



Jerry Becker [STT] has been elected to serve as a national director of the American Society of Photogrammetry [ASP]. Becker, who was serving as an interim director prior to his election, will represent the St. Louis Region during his three-year term. He is a past president of the St. Louis Region of the ASP. At the Aerospace Center, Becker is the program manager for digital image technology projects in the Directorate of Systems and Techniques. A native of Iowa, Becker joined the Aerospace Center in 1962 upon graduation from Augustana College in Sioux Falls, S.D. with a B.S. in mathematics.



in Nassau
Photos by
Jim Rentz,
St. Louis
Globe
Democrat



MARCH RETIREMENTS

ARVIN W. MUELLER (CDAC), a supervisory cartographer, retired March 5 with 34 years, eight months of federal service. He had been employed at the Aerospace Center since 1950.

ALOYSIUS J. KLASINSKI (CDCBA), a photo composition machine operator, retired March 6 with 32 years, four months of federal service. He served with the 144th Infantry at Camp Robinson, Ark. from April 1945 to October 1947. His service with the Aerospace Center began in April 1951. Klasinski said he plans to make New Mexico his retirement home.

FANTON CHAPMAN (SOP), a supervisory guard, retired March 5 with 30 years of federal service. A veteran of the Army Infantry and former military policeman, he had been employed at the Aerospace Center since 1963.

Majors Receive Regular Status

The Army has announced the appointment of Aerospace Center Majors Woods Gray, SS, and Bobby Jones, KCO-SS, to regular

Army position status.

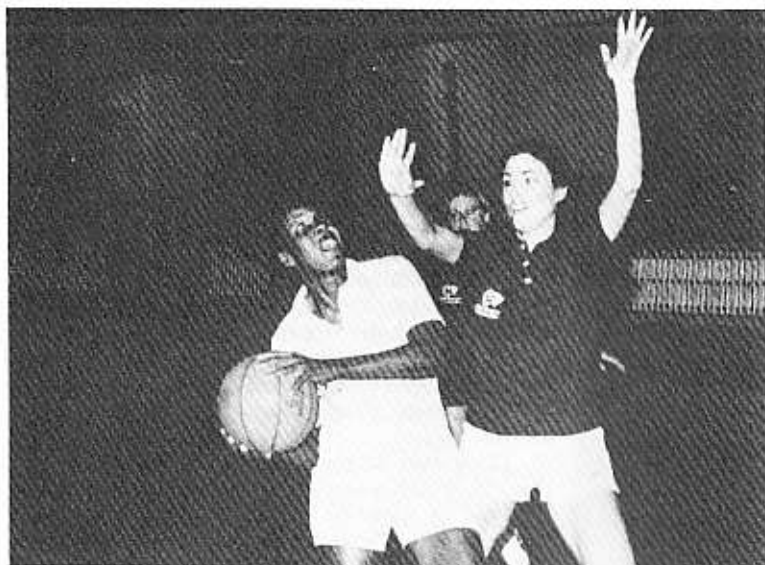
The swearing-in ceremonies took place Feb. 19.

Sickle Cell Screening April 12-23

During the period April 12-23 the Medical Services Division is planning a sickle cell screening program in cooperation with the Sarah Yeatman Union Sickle Cell Clinic.

On site testing, counseling and education about sickle cell anemia will be offered. The inherited illness is passed by persons who possess a sickle cell trait. People whose ancestral background is in Africa or the Mediterranean areas may have the trait.

For further information, phone the Medical Services Division, ext. 4047.



Annie Blackmon of Charlie's Angels moves in to shoot, despite the blocking of Chris Everding of the Gilder Girls.

Women's Basketball

In a battle for first place in the women's basketball league, Charlie's Angels defeated Soft Touch 23-20 to remain undefeated with a 6-0 record. Pat Hudson led Charlie's Angels scoring attack with 13 points while Tammy Iverson scored 6 points, Claire Block and Cathy Hatfield tallied 2 points each. Beverly Boykins tallied 11 points for Soft Touch while Barbara Tabb scored 4 points, Silvia Freeman, 3 points and Nomia Bryant, 2 points.

In the 2nd game of the afternoon, Foul Play won their 1st game of the season with a 24-17 win over Gilder

Girls. Nancy Clark scored 8 points for Foul Play with Michele Schneeberger scoring 6 points, Jean Provaznik and Martha Lyons, 4 points each and Mary Beth Farrar, 2 points. Chris Everding paced Gilder Girl's attack with 7 points while Terri Kramer scored 6 points, Ann Konecnik, 3 points and Wendy Hempel, 1 point.

—Chuck Arns

At the halfway mark of the season, the top scorers in the DMAAC Women's Basketball League are:

Beverly Boykins,	Games	Points	Ave.
Soft Touch	5	73	14.6
Pat Hudson,			
Charlie's Angels	4	56	14.0

Standings through March 4

Fastbreaks on Top in Men's Basketball

Standings through March 3

Team	Won	Lost
Fastbreaks	11	1
Gildersleeves	9	2
One on Ones	8	2
Thurmers	8	2
Bruins	8	4
Helichoppers	6	5
Rookies	6	6
Minutemen	6	6
Hollywoods	4	8
Leatherballs	3	8
Slow Motion	2	9
Mike & Min's	2	10
Gorillas	1	11

The defending champion Fastbreaks recaptured first place with wins over the Helichoppers, 81-44 and the Hollywoods, 67-45. Lee Fuqua led the Fastbreaks attack against the Helichoppers with 25 points while teammates Robert Bradley hit 20 points and Mahlon Pleasant, 16 points. Mark Judge scored 24 points for the Helichoppers. In the Hollywoods game, Lee Fuqua again led the Fastbreaks, as he scored 18 points. Johnnie Bell scored 18 points for the Hollywoods.

Thurmers moved back into the league race as they scored victories over Gildersleeves, 52-37, and the Minutemen, 47-43. Playing their best game of the year, Thurmers took an early lead against Gildersleeves and won going away with Scott Gibson leading the way with 15 points. Alan Kerkemeyer scored 12 points for Gildersleeves, knocking them



Sports photos by Chuck Arns

Mike Coulson of the Helichoppers (with the ball) attempts to demonstrate his scoring ways in a men's basketball game against the Rookies. Chuck Squires tries to stop him. Coulson went on to score 12 points in the game, which was won by the Helichoppers.

Kerkemeyer and Tim Fox paced the Gildersleeves' win over the Minutemen with 12 and 11 points respectively. Mike Kuhnline and Dave Hochstetter led the Minutemen scoring with 12 and 12

Stan Allen scored 10 points for the Bruins. Chuck Arns scored 12 points for Mike and Min's. In an upset game, Dewey Strobel sank two free-throws with four seconds left in the game to give the

Team	Won	Lost
Charlie's Angels	6	0
Soft Touch	5	1
Foul Play	1	5
Gilder Girls	0	6

DMAAC Bowling

In the position round, Big Five won five of seven from High Hopes to move into first place for the first time this year. Spare Timers and Lane's Angels are battling for third place with the rest of the field close behind. Gundaker appears to have a firm grip on last place, but beware of Spare Pins, the first-half cellar champs. They've been falling and before it's all over could be fighting for that bottom position.

—Rick Norgaard

Team	Won	Lost
Big Five	46	17
High Hopes	45	18
Spare Timers	38	25
Lane's Angels	38	25
Slip Slidin' Away	36	27
Three Cool Jewels	34	29
Kate's Klutz's	30	33
CCM	29	34
Side Show	27	36
Spare Pins	27	36
Tomcats	27	36
Bears	26	37
DMS	25	38
Gundaker	13	50

Charlie's Angels	3	23	7.7
Wendy Hempel, Gilder Girls	5	36	7.2
Cathy Hatfield, Charlie's Angels	5	24	4.8
Nomla Bryant, Soft Touch	5	29	3.8
Silvia Freeman, Soft Touch	5	19	3.8
Claire Block, Charlie's Angels	4	14	3.5
Michele Schneeberger, Foul Play	4	12	3.0

out of a share for first place. In a close game until the final minute, Thurmers' Steve Wallach sank a pair of free-throws to defeat the Minutemen. Sam Searce scored 19 points for Thurmers, while Mike Kuhnline tallied 11 points for the Minutemen.

Despite a loss, Gildersleeves remained in second place with wins over the Minutemen, 43-42, and the Bruins, 46-37. Alan

led the Gildersleeves attack against the Bruins with 20 points, while Stan Allen scored 12 points for the Bruins.

The One on Ones remained in contention with a 55-46 victory over the Rookies. Robert Gully scored 25 points for the One on Ones. Gary Etter and Chris Niewold scored 15 and 13 points respectively for the Rookies.

In other games, the Bruins defeated Mike and Min's, 65-35. Mike Poblars tallied 12 points and

Co-Ed Volleyball

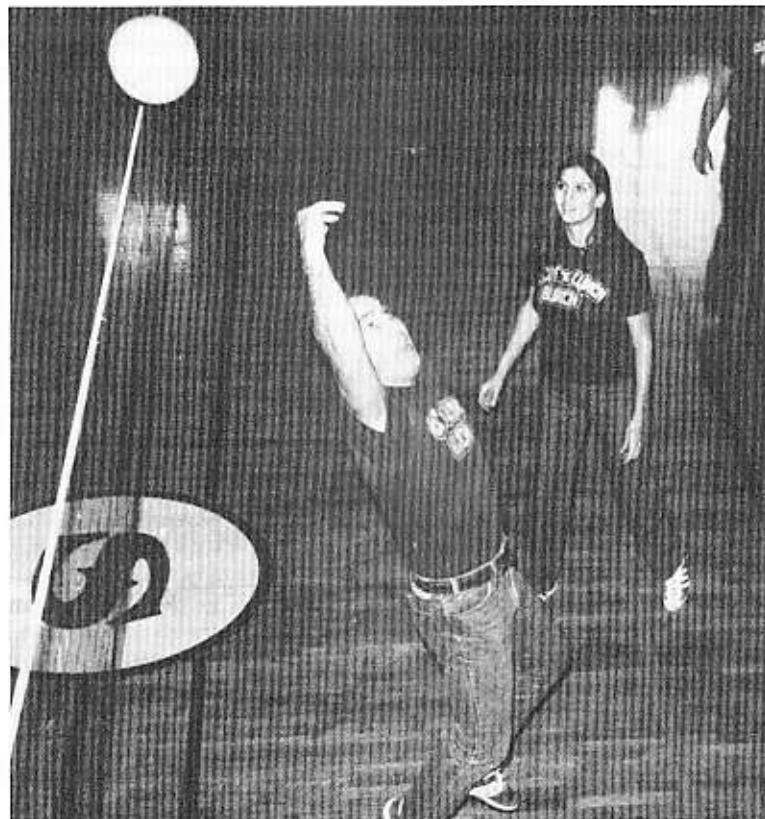
Final League Standings

Division A

Team	Won	Lost
Good, Bad & Ugly	38	4
Knet Knockers, I.D.C.	37	5
Gildersleeves Setups	35	7
Off The Wall	25	17
Renegades	24	18
Ziegfeld's Volleys	22	20
Sugar Daddies	17	25
Out To Lunch Bunch	15	27
The Crazy Eight	11	31
Volley Hai	5	37

Division B

Team	Won	Lost
Chief Lou's Mates	31	11
Empire Spikes Back	29	13
Desperadoes	24	18
Death Volley	20	22
Lynch Mob	19	23
The Good Hands	19	23
Roadrunners	16	26
Pointers and Setters	9	33
Coordination, Inc.	3	39



Gene Jenkins of the Out to Lunch Bunch shows dexterity in returning a serve during recent Co-ed Volleyball play. His approving teammate is Marianne Smith.

Minutemen a 47-46 win over the One on Ones. Dewey scored 19 points and teammate Mike Kuhnline tallied 16 points for the Minutemen. Gary Brown scored 19 points for the One on Ones. The Rookies defeated Slow Motion, 47-25 behind the 11 point performances of Gary Etter and Chris Niewold.

The Helichoppers defeated the Leatherballs in a close game, 53-46. Mark Judge and Mike Coulson led the Helichopper's attack with 23 and 19 points respectively. William Heidbreder scored 24 points for the Leatherballs. In a battle for last place, Mike & Min's defeated the Gorillas, 41-38 behind Ken Street's 14 pints. Mike Merlo and Jim Petraitis paced the Gorillas' attack with 12 and 10 points respectively. Slow Motion won their second game of the season with a 55-38 win over the Hollywoods. Ray Farley scored 19 points for Slow Motion, while Johnnie Bell tallied 15 points for the Hollywoods.

—Chuck Arns

