You are looking at a simulated aerial view of metro St. Louis from a height of about 10,000 feet, facing due west for a distance of about 15 miles. The view was produced on imaging equipment from Digital Feature Analysis Data (DFAD), a major product of the Aerospace Center, by cartographer Jon Strother (DPDA). Recognizable features include the Mississippi River, Parks Airport at lower left, next to East Side railroad yards, and Forest Park at center right. Most of the city appears in a single shade to reflect the predominant red brick construction of its buildings, while the suburbs appear in another shade for the most part. Want to know more about our digital landscape? See page 8.
CENTCOM CINC Praises DMA Support

The new Commander in Chief of the U.S. Central Command (CENTCOM) described DMA support to CENTCOM forces during Operation Desert Shield/Storm as "critical" to the successful execution of the overall plan for mapping the theater of operations.

In a letter to the DMA Director, the CENTCOM CINC, General J. P. Hoar, USMC, said, "The efforts of your dedicated production team resulted in timely and tailored mapping and charting products for our combined war fighting forces. Their success is your success. Please extend my personal thanks to your entire team for a job well done!"

The general indicated his words of thanks were made on behalf of the 541,000 troops in Operation Desert Shield and Desert Storm.

CFC Sets Record

Thanks to everyone who helped DMA in St. Louis to surpass its 1991 Combined Federal Campaign goal with gifts that totaled $253,243, an all-time record, as of Nov. 18. The goal was $190,000. Wrap-up in Dec. 6 Orientor.

On the Move

At DMASC

The Director, DMA, has approved three non-competitive reassignments in the DMA Systems Center's Research and Development/ Plans and Programs Directorate (RP).

Laura Voelker will serve as supervisory physical scientist, GM-1301-15, Research and Engineering Division;
Karen Podczasy will serve as supervisory physical scientist, GM-1301-15, Transition Management Division;
James Sippol will serve as supervisory physical scientist, GM-1301-15, Programs and Operations Division.
He will also serve a dual role as assistant deputy director, RP.

At DMAAC

The Aerospace Center Executive Resources Board has approved reassignments of two Transition Management Team (TM) branch chiefs:

Jack J. Panula (TMP) was reassigned to the Digital Products Department's Production Support Office as chief of the Modernization Branch (DPPB). He will continue to work in TM for a period not to exceed one year.

David E. Rauh (TME) was reassigned to the Scientific Data Department's Data Base Systems Division as chief of the Transition Management Branch (SDOA). He will continue to work in TM for a period not to exceed one year.

Thanksgiving Day Message

From the Secretary of Defense

Thanksgiving is a time when all of us reflect on our blessings and our hopes for the future. This year our prayers have a special meaning. All around the world, people faced historic challenges. As the year began, more than thirty nations came together, under American leadership, to defeat aggression in the Persian Gulf. Half a year later, millions of Russians, Lithuanians, and others defied tyranny in the very heart of communism's old empire.

Never have the blessings of liberty seemed richer. Never have our hopes for a better world seemed more real. For this, America owes a special debt to you, the men and women of our armed forces.

U.S. troops have fought for liberty ever since our small republic declared its people free. This year, once again, our forces were asked to serve freedom—to go in harm's way against a dangerous aggressor. Troops in the Gulf carried out their mission with professionalism and courage. Others among you watched over American security forces at bases here and around the world. Once again, you proved yourselves to be the finest armed forces in the world. I'm immensely proud to be associated with such a talented and dedicated group of people.

The crises we have faced this year remind us that freedom does not come easy. Our defense takes long years of training and preparation. It takes the willingness of all Americans to stand up for our nation's principles and support our troops. And in the end, it takes soldiers, sailors, airmen, and Marines like you, who put on this nation's uniform and pay the price of freedom.

Whether you were in the Gulf last winter, or doing the tough jobs here at home and around the world, you and your families have the gratitude of every American. To all of you, my best wishes for a happy Thanksgiving—and my personal thanks for a job well done.

Dick Cheney
Secretary of Defense
Thanksgiving Day Message
From the Director

A

year ago, the normally festive mood of Thanksgiving Day was more somber because of events in the Persian Gulf. Once again, we relearned how fragile peace is.

Here at home the men and women of the Aerospace Center worked against the clock to turn out critical products needed by our military forces. For many of you the holiday was just another workday. But the spirit of the day persisted.

That spirit was alive at the Aerospace Center because you, like the men and women in Saudi Arabia and aboard ship in the Gulf, realized the greatest blessing of all is freedom. And no one appreciates freedom more than those who work so hard to defend it.

As you gather with family and friends this Thanksgiving look back with pride on your accomplishments over the past twelve months. You did your part to keep freedom alive.

And as the rest of the Nation gathers to offer thanks for its many blessings, a part of that thanks goes to you.

Happy Thanksgiving!

Marcus J. Boyle
Colonel, USAF
Director

DMA Cited For Merit

By SecDef

DMA was recognized for its outstanding Affirmative Action Program when DMA Director Maj. Gen. William K. James received the Secretary of Defense Certificate of Merit Award for FY 90 at the 11th Annual Disability Awards Ceremony in the Pentagon. The award was presented by Assistant Secretary of Defense for Air Force Management and Personnel Christopher Jehn.

One of seven DoD components recognized, DMA was cited for--

* Increasing employment of persons with targeted disabilities during FY 1990, even though the size of the work force declined;
* Establishing an Adopt-A-School agreement with Gallaudet University to provide career counseling and job placement assistance for students with disabilities;
* Issuing a policy statement assuring employees with impaired hearing or vision access to printed matter and audiovisual materials in a format they can use.

During the ceremony, Dorothy Witten, cartographer in the DMAHTC Louisville (Ky.) Field Office received the 1991 Department of Defense Award for Outstanding Employees with a Disability.

Extra Paycheck in '92 Could Mean Savings for You

N

ext year will be one of those rare years in which DMA civilian employees will receive 27 rather than 26 paychecks. According to DMA Comptroller John Vaughn this is because the paycheck due on Jan. 1, 1993 will be issued on Dec. 31, 1992. This action is standard practice when the payday falls on a holiday.

"Many of our employees, particularly the younger ones, may not realize that they are in for that pleasant surprise next year," said Vaughn.

For those who are planning their financial future, the added paycheck gives a relatively pain-free opportunity to increase their contributions to the Thrift Savings Plan. Increasing the annual Thrift Savings contribution during the open season that ends Dec. 31, 1992, by the amount of the additional paycheck can improve the anticipated financial condition at retirement.

It is particularly important for those personnel under the Federal Employees Retirement System (FERS) to plan for their retirement and contribute to the Thrift Savings Plan. Without proper investment, FERS individuals will have not much more than the Social Security benefits to rely on, added Vaughn.

DMA FERS employees are contributing to the Thrift Savings Plan in larger numbers and at greater rates than the government-wide averages. Of the just over 2,500 DMA employees eligible for FERS 1,850 currently contribute to Thrift Savings. "Such far-sighted behavior confirms our pride in the quality of our work force."

Continued on page 4.

Orienter
November 22, 1991
Clearfield Depot To Close
Part of Consolidation Plan for DMACSC

The closure of the Defense Mapping Agency Clearfield Depot in Utah has been announced by DMA Director Maj. Gen. William K. James, USAF.

The closure of the Clearfield Depot by the end of Fiscal Year 1992 is part of the defense management review decision (DMRD) action directed by the Deputy Secretary of Defense.

The DMRD also directed the consolidation of the DMA Combat Support Center Headquarters with the depot. Actions regarding the CSC Headquarters will be addressed in subsequent announcements.

In a letter to Congressional representatives General James said, "A broad survey of available government facilities has identified our Philadelphia Depot as the only suitable site to economically support consolidation of the two depots in Fiscal 1992."

Consolidation in Clearfield was not considered cost-effective because it would increase DMA's normal distribution transportation costs by over $1 million annually over the Philadelphia site.

Presently DMA employs 66 civilians in permanent, full-time positions; three civilian temporary employees and seven student aides at Clearfield.

Permanent employees at the Clearfield Depot will be registered in the DoD Priority Placement Program so that they may have local placement opportunities with other Department of Defense components. The general indicated, "I will also afford them every permissible placement opportunity at other DMA locations."

Another "Tombstone" Surfaces

A worker preparing the renovation site of Building 2 was surprised to unearth another carefully cut limestone which appears to have been prepared as a tombstone for a Civil War veteran, in the days when the 3200 South 2nd St. site was still a working arsenal.

On November 13, while clearing out the remains of a wash trough abutting the south side of the building, the worker, who was using a backhoe, saw that there was writing on one face of a building stone and put it aside for examination. Although the lower end of the stone was split from the top, the writing was clearly visible, as shown in the photo: "S. SKINNER, CO. H, 91ST ILL. INF."

Public Affairs files indicate that similar stones were found on site in 1970 and 1965. Dick Barnard, who was the Center's official historian during the 60's and 70's, believes that such stones were commissioned by Civil War veterans and produced as a perquisite for their Army service. The style is very familiar to those who have visited Jefferson Barracks and other military cemeteries. Unused stones and defects were discarded and later reused for other purposes, as in this case.

Building 2 is currently being renovated to house an additional fitness facility. It was constructed in 1860 as an ordnance coal house.

--Wells Huff

...Extra Paycheck in '92

Continued from page 3.

commented Vaughn. "But there are still those who are not contributing, or not contributing at least 5 percent of salary that would be matched by the government."

The Thrift Savings Plan is available to both FERS and Civil Service Retirement System employees. Only those under the newer FERS have the opportunity for the matching dollars.

"I would encourage all personnel to take advantage of the chance presented by the extra paycheck to increase their Thrift contributions," emphasized the Comptroller.
In Sympathy

Leonard W. Atkins died Nov. 13. He was the supervisory cartographic clerk in charge of the carto vault at 8900 S. Broadway when he retired in June 1972. His federal service totaled nearly 30 years, including three years in the military. He leaves his wife Julia, a son and grandchild. Interment was in Resurrection Cemetery.

* * * *

Forrest D. Shaffer died Nov. 12. A custodial worker, he retired Oct. 9 with nine years of federal service. He was a Navy veteran of the Korean War. He leaves two daughters, a son, and grandchildren. Interment was in Mason City, Iowa.

Orientor

Vol. XXXII, No. 24

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DMA Aerospace Center
Editor, Orientor (PA)
3200 South 2nd Street
St. Louis, MO 63116-9339

Col. Marcus J. Boyle, USAF
Director
James G. Mohan
Chief, Public Affairs Office
Paul Hurbut
Editor

Employees train on Macintosh computers in the Mac Training Center, which opened in Building 4 this month.

New PC Training Center Offers Instruction for Macintosh Users

A second personal computer training center has begun operations in temporary quarters in Building 4 at 3200 S. 2nd St. The new PC training center offers training in the use of Macintosh hardware and associated software and is equipped with 11 Macintosh IIC personal computers.

The PC training center in training room 1A-2 of Building 36 will continue to offer training in the use of the IBM-compatible computers and associated software, according to Darlene Arakaki, ADP program manager in the Career Development Branch (HRSDD).

Initially, three main classes will be offered in the Mac training center:
- Training in the use of Microsoft Word,
- Training in the use of the Excell Spreadsheet, and
- Introductory and intermediate use of Macintosh computers.

"Many people have asked about training in these areas," said Arakaki. "Those who are interested in receiving training should contact their department training coordinator."

Classes will be taught by in-house instructors, although some initial courses are being taught by a vendor, pending establishment of the in-house instructional program. Begun last week, the first course was entitled "Welcome to Mac: Basic and Intermediate," a one-day class offered five times.

The IBM PC training center has saved over $100,000 a year by offering in-house instruction, even when the development cost for the center and instructors' salaries are taken into account, according to Arakaki. The center, which has averaged 50 classes a year since it opened two years ago, won DMAAC a Quality and Productivity Award from the St. Louis Federal Executive Board earlier this year.

Computer hardware for the new center was set up by electronic technicians Susan Crouch and Kerry Stucksteed of the System Center's St. Louis Hardware Maintenance Division (WGH). Software was loaded by computer specialists Larry Stephens, Bryan Abernathy and Dan Moody of the Technical Services Center's Systems Support Division (AIDS). Computer specialist David Addoms (TSC/AODS) is the technical adviser for PC training.

Arakaki said that Facilities Engineering "did a great job" responding to requests for facility preparation work. "They really hustled to paint walls, add more electrical outlets, move furniture in, and hang up the whiteboards. Now we are ready to enjoy the benefits of our new Macintosh Computer Training Center."
Honor Roll

PERFORMANCE
Outstanding Performance
McNamee, Thomas A., GM-13
Parson, Victoria L., GS-11

ASAP Award
Hehmeyer, Janice M., GS-13
Ziggas, Nicholas J., GM-13

Quality Salary Increase
Ostrander, William

Special Act Award
Brehmer, Michael R., GM-13
Brown, Phyllis A., GM-13
Gockel, E. Jean, GM-13
Jones, David T., GM-13
Kemery, J. Barton, GM-13
Kenneth, Pamela
Kluge, Vincent A., GM-13
Mullins, Joseph
Premier, David J., GM-13
Ramey, Nancy A., GM-13
Reichling, Sue A., GM-13
Rusco, Dan W., GM-13
Shelberg, Mark C., GM-13
Skolten, Judy D., GM-13

Suggestion Award
Dollison, Alan L., $25
Mobley, Clayton W., $49
Oglesby, John L., $25
Taggart, Gary D., $270

PROMOTIONS
Adams, Ewart H., Jr., GS-11
Ade, Stephen F., GM-13
Aldred, Thomas K., GM-13
Aldridge, Kenneth A., GM-13
Allen, John M., GS-12
Alks, Uldis, GM-13
Anderson, Robert S., GM-13
Anderson, Gregory S., GM-13
Anderson, Karen J., GM-13
Aniello, Peter J., GS-11
Arthur, Roy L., WG-6
Banes, Suzanne E., GM-13
Barth, James M., GM-13
Bobermeyer, Judy M., GS-12
Benedict, Frank J., Jr., GM-13
Berg, David M., GS-12
Berryman, Donnie A., GS-7
Bertels, Matthew A., GS-12
Bibie, Evelyn, GM-13
Bisal, Thomas D., GS-13
Boehm, Michael J., GS-13
Boyer, Billy J., GM-13
Bratton, Jacqueline E., GM-13
Broelman, John G., GM-13
Brophy, Patrick H., GS-11
Burley, Lisa R., GM-13
Burley, William C., GS-12
Buschbacher, Kurt A., GS-11
Butterworth, Robert D., GM-13
Cebulske, Michael J., WG-8
Christian, Sara L., GM-13
Clark, William G., GM-13
Corbett, James J., GM-13
Cox, Brenda E., GS-5
Cronin, Jo Ann, GM-13
Damschroeder, David F., GM-13
Danielson, Jeffrey M., GS-13
Davis, Roger S., GM-13
Deem, Thomas E., GM-14
De la Pena, Jeffrey B., GM-10
Dickerson, Jay L., GS-11
Digby, Pamela K., GS-12
Dillon, Milicr M., GM-13
Doescher, Christopher J., GS-11
Doll, Thomas H., GM-13
Donnell, Sam A., GS-12
Donner, Raymond G., GM-13
Dufford, Thomas F., GM-13
Edgar, Donald J., GS-13
Emory, James E., GM-13
Ericson, James E., GM-13
Faulkner, Michael C., GM-13
Fergus, Daniel J., GM-13
Fischer, William T., GM-13
Folker, Roy J., Jr., GM-13
Gamor, Rene Steven, GS-12
Gieskern, John B., GM-13
Gielow, George T., GM-13
Gillespie, William R., GM-13
Goebel, Jefferey S., GM-13
Goodrich, Robin N., GM-13
Graves, Dean A., GM-13
Greenspan, Gregory J., GS-12
Greenwald, Michael J., GM-13
Guempel, Mary E., GM-13
Harbor, Nelson C., GM-13
Hattfield, Cathy D., GM-13
Headrick, Randall E., GM-13
Heady, Barry C., GM-13
Hehmeyer, James E., GS-12
Heigert, Richard A., GM-13
Hemple, William G., GM-13
Henderson, Larry W., GM-13
Hines, Susan A., GS-11
Hinkel, John R., GM-13
Hinkley, Sandy K., GM-13
Hodge, Jerry M., GM-13
Holmgren, Larry N., GS-13
Hopkins, Jacqueline Jean, GM-13
Howland, Lee A., GS-11
Hunner, Robert D., GM-13
Israel, John L., GS-12
Itscher, John E., GM-13
Iverson, Gerald N., GM-13
Jenkins, Karen, GM-13
Jensen, Robert M., GM-13
Johnson, Craig F., GS-11
Johnson, Frederic R., GM-13
Jones, Donald R., GM-13
Kalinowski, Robert W., GM-13
Kane, David G., GS-12
Kappesser, Russell E., GM-13
Keedy, Jean M., GS-6
Kinser, Nancy J., GS-7
Kohnen, Paul T., GM-13
Krahn, Robert W., GS-5
Kras, Robert W., GM-13
Ladd, Mary Jane, GM-13
Land, Ronald N., GM-13
Larson, Donald L., GM-13
Lastufka, William G., GM-13
Lawson, Holly A., GM-11
Lycett, George P., GM-11
Manders, George N., GM-13
Maness, Pauline S., GS-5
Manford, Eric G., GS-11
Mayer, John C., GS-12
McAfee, James L., GM-13
McBeth, Matthew V., GS-12
McIntyre, Charles W., GS-12
McIntyre, Steven M., GM-13
McNamee, Thomas A. Jr., GM-13
Meinhardt, Robert L. II, GM-13
Mee, Joseph F., GS-12
Moore, Charles W., GM-13
Moore, Kimberly A., GM-13
Moore, Martha J., GM-13
Moses, Stephanie R., GM-13
Moore, Franklin P. Jr., GM-13
Moss, Nancy E., GS-13
Mulkey, Michael J., WG-7
Nelso, Sandra M., GS-12
Neubacher, Donald J., GM-13
Neville, Stephen M., GM-13
Norman, William E., GM-13
Nuesse, Gregory S., GS-12
Obry, Dean G., GS-13
Palmer, James E., GM-13
Pattison, Anthony J., GS-12
Pawelak, Norman J., GM-13
Penrod, Lenford R., GM-13
Pepplemeier, Mark D., GM-13
Petro, Rosanna, GM-13
Pezold, Denise E., GS-11
Piper, Steven G., GS-12
Pollman, Virginia B., GS-13
Poninski, Raymond C., GS-12
Founders, Eric, GS-12
Powers, Ned A., GS-13
Prahu, Elroy J., GS-13
Recknagel, Stuart L., GM-13
Reed, Christine G., GS-12
Richardson, Lewis C., GM-13
Riley, Patricia C., GS-12
Robben, Vincent D. J., GS-11
Roberts, Michele S., GM-13
Rumley, Dennis W., GM-13
Salava, George, GM-13
Saxton, Jeffery M., GS-12
Schmidt, Charles A., GS-12
Schoenborn, Eugene E., GS-12
Seppelin, Rand O., GS-12
Seymour, Jean E., GM-13
Shannon, Dennis J., GM-13
Shaughnessy, Patrick J., GM-13
Shaw, Lewis A., GS-9
Sheehy, Michael J., GS-12
Shoger, Paul J., GS-12
Siegfried, Anna Mary, GM-13
Skender, Randall L., GS-12
Steebke, John W., GM-13
Sturm, Betty J., GM-13
Sutterfield, Thomas W., GM-13
Svoboda, Kathleen J., GS-12
Sweeney, Johnny Jr., GM-13
Tait, Kimberly, GM-13
Tapella, James L., GM-13
Taylor, David A., GM-13
Terhaar, Dennis W., GM-13
Thompson, Bruce A., GM-13
Thompson, Jeter J., GM-13
Toenjes, Mary Anne Mosus, GM-13
Trapp, Eric F., GM-13
Tsugita, Edward T., GM-13
Tuckson, Vivian P., GS-13
Tuley, John B., GM-13
Visconti, Robert V., GS-12
Wagner, Donald R., GM-13
Wall, Russell M., GM-13
Wenger, George J., GS-11
Wertin, James W., GM-13
White, Anthony R., GS-12
Williams, Bruce P., GM-13
Williams, Deborah A., GS-7
Williams, Richard H., GS-13
Winkler, Stanley F., GM-13
Wolf, Mark F., GS-13
Yarber, Sharon D., XP-11
Ziegler, Darrel L., GM-13
Zimbleman, Michael J., GM-13
Zimmerman, Marjorie V., GM-13
Dear co-workers,

After my recent accident, I have been flooded with phone calls, flowers and cards from people wishing me a speedy recovery. I would like to thank each and every one of them for keeping me in their thoughts. I must admit that it is a humbling experience to be on the receiving end of so much concern.

I'm on the road to recovery, moving slowly but surely. With two broken legs and a broken ankle, it literally means learning to walk again. Therapy is progressing, and I have begun to take a few wobbly steps with my walker. With the support I have rallied behind me, it would be difficult not to succeed. Thanks again to everyone for all the thoughts and prayers.

Yours,

Kim Norgaard and Family

Raymond J. Puricelli (MCAAC) retired Nov. 1 with 38 years of federal service. He served in the Army from 1952-54. His career with the Aerospace Center began in 1955 as a negative engraver. He became a cartographer in 1966. "I enjoyed the different phases of work that I performed," Ray said. "I will miss old friends that were made through the years." In retirement he will hunt, fish, referee soccer games, work around home, and see more of the country and grandchildren.

Ray Meyer, who retired in December 1988, appeared on the front page of the Oakville-Mehlville (Mo.) Journal. He has been volunteering his time in restoring a streetcar at the St. Louis County Museum of Transport.

A lecture, "Beating the Holiday Blues," is scheduled for December. Stay tuned for times and dates.

Edward E. Janson, freight rate specialist in DMACSC Distribution Operations Division, St. Louis, received a $1,018 suggestion award for suggesting that Navigation and Planning Charts be shipped in cartons, rather than shrink wrap when the total number exceeds 125. The change reduces postage costs about one-third on average, resulting in a first-year savings of $10,611.

Edward Janson

Reis and Cassady To Collect Toys for Tots

Employees wanting to donate a toy to brighten Christmas for a needy child will have their opportunity to do so again this year. On Dec. 2, the barrels will be cut in the lobby of Building 36 and outside the dining hall at 8900 S. Broadway to collect Toys for Tots.

At DMAAC Frank Reis (FEMTH) and Charles Cassady (FEMTM) are in charge of the Toys for Tots project.

The Toys for Tots program is run by the U.S. Marines Corps and supported by a wide range of community groups and citizens, including Reis and Cassady, who both served in the Marines.

"Don't wrap the toys," Frank advises. "The Marines will take care of that."

Carolers To Sing at December ACS Luncheon

The DMAAC Carolers will sing at the bimonthly luncheon of the Aerospace Charting Seniors Dec. 11 at the Holiday Inn Southwest/Viking Conference Center. AC Director Col. Marcus J. Boyle and his wife, Lorie, are scheduled to attend. Social hour, 11:30. Lunch--

choice of boneless breast of chicken or rainbow trout amonidine at 12:30.

Call Mary Mathaei/481-3649, Harley Jennings/428-3356, or Pat Cronin/846-8567, or mail reservations with entree choice not later than Dec. 5 to ACS, P.O. Box 16682, Clayton, MO 63105-1182. Cost is $9.
DMA Toastmasters Are No Joke in Area Competition

Toastmasters Clubs comprised of DMA St. Louis employees won both of two events competing against other clubs near the downtown area. Ron Snider, a member of the Aerospace Center club at 3200 S. 2nd St., was one of two winners in the Humorous Speech contest, and Ron Goehlich, a member of the Chartmasters club at 8900 S. Broadway, was one of two winners in the Table Topics contest. In Table Topics, the contest master poses a scenario and asks each contestant to give an impromptu response. Winners represent their area at the division-level competition in the same events.

In addition to the winners, Vern Grothoff, president of the Chartmasters, placed third in the Humorous Speech contest at the area level. To represent their clubs at the area level, all contestants had to win their events at the club level.

Ruby Harris, the fourth DMA contestant, won Table Topics for the Aerospace Center club.

Awards were presented by Carole Breckner, governor of Area 15 and president of the AC Toastmasters. Besides the two DMA clubs, Area 15 includes clubs from Southwestern Bell, where the competition was held, Anheuser-Busch, and Ralston Purina.

On the cover...

Digital data that mathematically represents geographic information is used to generate scenes like the view of St. Louis on the Orientor cover. Electronic plotting equipment is used by cartographers to produce the data from source materials, which are generally prepared in-house. The data is stored in DMAAC's Cartographic Data Base.

To create the view of metro St. Louis, cartographer Jon Strother (DPDA) input magnetic tape containing appropriate data from the data base to a computer system known as the Sensor Image Simulator (SIS). He also keyed in information relevant to the viewing perspective, such as height and viewing angle. The SIS produced the finished photographic print reproduced on the cover.

Cartographic data produced by DMA is used to generate moving cockpit views and radar imagery for a variety of military aircraft trainers, among its applications. At DMAAC, views created on the SIS are used in quality control reviews, data base analyses and for other purposes.

Color coding is used to further enhance the scenery and create a sense of realism.

Sports

DMAAC Volleyball

Standings as of October 31

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<td>Gravitators</td>
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<td>3</td>
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<td>American Gladiators</td>
<td>5</td>
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<td>4</td>
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