

CFC Tops '85 Campaign Goal at \$196,955

Total Surprises Staff

Orientor

DEFENSE MAPPING AGENCY AEROSPACE CENTER

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December 27, 1985

by Paul Hurlburt

Workers on the Combined Federal Campaign had already received their awards, along with cake and coffee, at an end-of-campaign get-together when the news broke.

"We were in the dining hall cleaning up," said CFC project officer Suzanne Barnes. "Some key workers came back and asked us how much we needed to make our campaign goal.

"I told them; it was something like \$1,500, and they handed me some pledge cards they had just received in the two o'clock mail.

"Here it is!" they said.

"It was funny; it was like 'What? We made our campaign goal?'"

We made our campaign goal. Employees of the Aerospace Center contributed a record \$196,955 to this year's Combined Federal Campaign — \$1,955 above the campaign goal and \$3,410 over last year's total.

The average gift was \$90.03 — up \$4.92 over last year, with the average payroll deduction gift \$107.57. As for the trend of declining participation, could it be slowing? Participation dropped from 59.5 percent of the work force in 1984 to 57.8 percent this year. The 1.7 percent drop was a full percentage point less than last year's 2.7 percent drop.

"I knew we had done everything in our power to make the campaign goal," Barnes commented. "In the

organization, with \$7,213 pledged by employees.

"Cancer is something that everybody is touched by," Kennedy observed.

The second largest number of contributions (\$5,665) went to the New Life Evangelistic Center of the Rev. Larry Rice, followed by the Salvation Army, American Heart Association, Annie Malone Children's Home, Dream Factory, and United Negro College Fund.

Besides the well-known organizations, a significant

Center Wins Metro Awards

Results of the 1985 Combined Federal Campaign brought recognition to the Aerospace Center for achieving the second highest total contribution among federal agencies in the St. Louis area. (Scott AFB was first.)

The Aerospace Center also ranked highest among large agencies in per capita giving.

The Center, represented by Deputy Director Col. John D. McKessy, USAF, was honored at an awards luncheon at the Arena Club Dec. 17.

A special presentation was made to Adolph Wuenscher, chairman of the Awards Committee the past



Aerospace Center Carolers, above and right, sing for the December luncheon of the Aerospace Charting Seniors, held at Grant's Cabin.



Sounds of cheer

Photos by Paul Hurlburt



Laura Gruber, above and left, leads the Carolers, under new direction for the first time in 33 years. "She's Gene Knight with a pony tail," one member enthused. The Carolers brought holiday cheer to work areas throughout the Center.

end, it came down to the generosity of the employees.

"Without those key workers out there canvassing their co-workers, we couldn't have done it either," she added.

Employees had the option again this year of designating gifts to any organization qualifying for tax-deductible contributions as a charitable institution under Internal Revenue Service code.

The option proved to be a boon to the campaign, as 36.1 percent of the designated contributions went to organizations approved by the IRS but not affiliated with the United Way or other agency groups. The next largest percentage of designated contributions went to the United Way agencies — 29.4, followed by National Health agencies — 21.1, International Service agencies — 8.1, and miscellaneous — 5.3. (Of the total contributions, 73.7 were designated for a specific organization.)

According to CFC assistant project officer Anne Kennedy, the American Cancer Society did better than any other single

Aerospace Center next month. Wuenschel received a wind-breaker, decorated with a red, white and blue CFC logo embroidered by Monica Sharp. Also an AC employee, Sharp was assistant chairman of the Awards Committee.

Plaques went to the following employees who contributed to this year's CFC at the metro level: Elmer Haeker — Labor Support Committee, Charles Piller — loaned executive, Bill Florich — Torchlighter, and Kathy Svoboda — Torchlighter.

number of contributions went to small neighborhood agencies, such as the Guardian Angel Settlement House. "This shows the employees are concerned about people in other neighborhoods," Kennedy said. "They realize how important the community is for kids to grow up in.

"I hope everybody feels really special," she added, "because they deserve it."

Ohio State Honors Gleason

Geodesist David M. Gleason (DSGT) has been awarded the Kaarina and Weikko A. Heiskanen Award by Ohio State University.

The award is given annually to "a talented, enthusiastic and devoted student, teaching assistant or research assistant who has had a particular interest in geodesy at this University." One of the previous recipients is Dr. Mark M. Macomber, former technical director of the Aerospace Center, who is now deputy director for systems and techniques at Headquarters DMA.

Gleason has attended Ohio State twice under long-term, full-time training, earning a master's in geodetic science in 1963 and completing course work for a Ph.D. last August. For his graduate-level course work, he has obtained a 3.8 grade-point average out of a possible 4.0.

A paper, based in part on Gleason's research at Ohio State, was published in the European journal *Manuscripta Geodetica* last July.

The paper recounts Gleason's
Continue on page 4.



David M. Gleason



Bits And Pieces

From the Black Book:

We, that is the Black household, are still recovering from two days ago. A situation not uncommon to most households this time of year. To paraphrase the old story . . . "Wrapping paper is strewn all over the house; and everything is stirring, including the mouse." Now comes the enjoyment of trying to return the shirts, et. al., that came two sizes too small.

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Next on the agenda, after a few days recovery, is the task of preparing oneself for the "adult" holiday that introduces the new year. I have my noise makers, party hats and supply of aspirin . . . I just hope I can stay awake long enough to welcome in the new year. May 1986 be the best year yet for you and yours.

dlb . .

Facility Security In New Quarters

The Facility Security Division (SOF) has consolidated in Section 1B of Building 36.

Transactions involving identification badges, vehicle registration, the personnel security Form 398, and other facility security matters are now handled in the new quarters. The entrance is



Study DMA Role

Members of the air traffic control training course for staff officers, given at Keesler AFB, Miss., await a briefing during a visit to the Aerospace Center. The officers spend a day at the Center acquainting themselves with the DMA mission and obtaining an overview of the Flight Information Publication [FLIP] program. After a briefing on FLIP requirements, the officers toured the automated FLIP production facilities at 8900 S. Broadway. Air traffic controllers use FLIP charts and instrument approach procedures on a daily basis, as well as other FLIPs. [Photo by Ed Mullen]

Hail & Farewell

Major Daniel T. Snyder, USAF, arrived Dec. 9 from Keesler AFB, Miss., for assignment as director of telecommunications systems.

Major Arthur E. Pekarek, requirements staff officer in the Flight Information Division (PRF), is scheduled to retire from

In Sympathy

Word has been received of the death of retired employee Marion (George) Sleet, who died after suffering



November Honor Roll

35 YEAR

Jimmie D. Bauer, George T. Cline Jr., Thomas E. Deem, Murrell L. Ferguson Jr., Eugene L. French, John R. Lyle, Richard A. Rapp.

30 YEAR

Richard I. Crews, Leon P. Fennell, Robert E. Labeau, Ronald H. Martens, Gene T. Merriott, Joseph W. Miller, Donald J. Riggs, Alva D. Sporer.

25 YEAR

Samuel F. Dane, Edward E. dela Pena, Donald E. Dixon, Victor M. Fabish, Dean A. Graves, Frank J. Hines Jr., Lawrence E. Toon.

20 YEAR

Sandra L. Heins, John B. LaBuster, Dorothy C. Newell.

15 YEAR

Jerry A. Cook, Ardelia L. Davis, James L. David, John F. Heien- ickle, William D. Guse, Donald A. Koenig, Paul O. McCoy, Barbara M. Parran, Roger D. Roam, William B. Wahrenburg, James T. Wilbanks.

10 YEAR

Allen H. Elrod, Donald K. Hanratty, Michael J. Harbian, David W. Klinge, Douglas E. O'Neill, Richard A. Remmler, Jeffrey L. Tope.

Outstanding Performance Rating

Sherry Bacon, Juliet L. Bauer, Thomas J. Beck, Charles A. Bennington, Gerald M. Blood, David G. Bowman, Lawrence N. Bratcher, Victor C. Brawley, Helen J. Brown, Gary L. Bruno, Arthur Lee Collins, Jack A. Cumbow, Cecil H. Cutler, Lisa M. Decker, Bradley A. Dobbs, Pamela K. Duncan, Edward J. Fank Jr., Phyllis A. Farris, Sandra L. Funncliff, Debbie Jo Georges, Mary F. Glauber, Leonard C. Griffin, Michael W. Harbaugh, Thomas G. Harris, Patricia A. Huddleston, Shelley L. Huffman, Raymond L. Hunt III, Mary K. Johnston, Jenine R. Ketcham, Barbara R. Kistler, William J. Klunk, William H. Koch, Daniel T. Kruenpel, Scott D. Lloyd, William M. Lovelady, Stephen D. Melnick, Vernon A. Modglin, Reuben Nicholson, John L. Noelker, Eddie Payne, Daniel L. Peshke, Roger C. Phelps, Richard K. Poropat, Kevin G. Richardson, Melva A. Rodenhauser, Catherine M. Schmidt, Linda A. Snyder, Richard A. Spring, Kenneth W. Stark, George J. Szigeti, Janice S. Thomas, Raymond E.

AC Bookline

i.e. hot new books in the technical library

THE RETURN OF HALLEY'S COMET: AN INFORMATION PACKET. Questions, answers and how to better enjoy a once-in-a-lifetime event.

THE HUMAN FACTOR: DESIGNING COMPUTER SYSTEMS FOR PEOPLE by Richard Rubinstein. "Using a computer should always be easier than not using a computer."

THE TIMES ATLAS OF WORLD HISTORY. Captures the world's history in maps, graphs and text.

AN INTRODUCTION TO ADA by Stephen J. Young. Programming in Ada with lots of examples.

REPORT TO CONGRESS ON THE STRATEGIC DEFENSE INITIATIVE. 1985 report by the Office of the Secretary of Defense.

WHITE-LIGHT OPTICAL SIGNAL PROCESSING by Francis T. S. Yu. A practical guide to the design of modern optical processors.

MANAGING MANAGEMENT TIME by William Oncken. Strategies to avoid spinning your wheels.

A GEOLOGICAL MISCELLANY by G. Y. Craig. A potpourri of anecdotes and epigrams.

HOLOGRAPHY. Conference papers on holography's past, present and future.

STATISTICAL METHODS AS FORECASTING by Bovas Abraham. Models and methods for especially short-term forecasts.

INTRODUCTION TO LINEAR REGRESSION ANALYSIS by Douglas C. Montgomery. Geared toward the analyst who uses computers.

— Peggy Mechanic
Reference Librarian

Dec. 6.

A cartographic technician on the Automated Type Placement System, he retired in July 1978. He was a World War II veteran and came to the Aerospace Center in 1954. His federal service totaled nearly 34 years. He had been serving as an assistant pastor at Fifth Baptist Church, Pagedale, Mo., up until the time of his death.

Mr. Sleet leaves his wife Gwendolyn, two children, grandchildren and other relatives. Interment was in Jefferson Barracks National Cemetery.

**Outstanding Performance Rating/
Quality Step Increase**

Mark D. Pepmeier, Keith R. Robins.

**Outstanding Performance Rating/
Sustained Superior Performance**

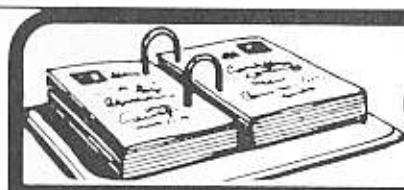
Virginia R. Buecker, Richard D. Craven, Susan M. Gligros, Cynthia L. Haegle, Virgil Johnson, David T. Stein, Wanda L. Weber.

Sustained Superior Performance

John I. Israel, Benson E. Joiner, Arthur D. Lynum, Janet K. Tyler.

Suggestion Award

Carl M. Weller, \$1,522.36.



Calendar

| JAN | EVENT | PLACE | RESPONSIBILITY |
|-----|--|---|----------------------|
| 1 | New Years Eve - Holiday | | |
| 7 | Toastmasters | Lindbergh Rm. | P. Taylor/4546 |
| 9 | DMAAC Women's Club | Hanneke's | S. Biskar/391-7643 |
| 9 | IMAGE Mtg. | Stork Inn | C. Athie/4276 |
| 9 | Toastmasters | South Annex | J. Rau/8367 |
| 14 | FBA Mtg. | Garavelli's Restaurant Inn at the Park | T. Woodward/895-9208 |
| 16 | Arsenal '76 FEW Mtg. | Lindbergh Rm. | S. Hawk/4421 |
| 17 | Bloodmobile | 2nd Street | C. Hardin/4047 |
| 20 | Dr. Martin Luther King's Birthday - Holiday | | |
| 21 | Toastmasters | Lindbergh Room | P. Taylor/4546 |
| 23 | Toastmasters | South Annex | J. Rau/8367 |
| 27 | Home Computer Org. | PP Conf. Rm. | J. Johnson/4423 |
| 29 | NFFE Local 1827 | Dining Hall | E. Hacker/776-8424 |

Contact Rose Hunkins/4142 to have your February events listed.

Promotions

The following people have received promotions during the month of November: Thomas E. Ahonen, GS-11; Charles H. Athie, GS-12; William R. Barnes, GS-9; Kevin G. Boyer, GS-7; Judith A. Brauer, GS-7; Sharon M. Burnham, GS-7; Donald C. Bush, GS-9; Florence J. Chambers, GS-7; Paul Cicchello, GS-9; Ralph L. Compton Jr., WS-6; Dennis F. Cone, GS-12; Richard M. Cunningham, GS-9; John J. DeFrancesco, GS-12; Raymond J. Desimone, GS-9; Joseph D. Dixon, WG-11; Dennis E. Drum, GM-13; Paul N. Dumas, GS-11; Neil M. Elfrink, GS-11; Johnnie L. Evans, GS-11; Daniel R. Ferguson, GS-11; Kelvin L. Friley, GS-11; Evelyn A. Gallagher, GS-11; Deborah A. Grieser, GS-7; David W. Herman, GS-11; Steven E. Hicks, GS-9; Jay A. Isaak, GS-9; Shelley A. Jaye, GS-9; Christopher Johnson, GS-9; David F. Kett, GS-11; Daniel T. Kruempel, GS-11; David J. Leach, GS-9; Mark A. Lotholz, WG-11.

Linda I. Mallery, GS-11; Vernon L. Marlatte, GS-5; Marcus Martinez, GS-5; Michael J. McManus, GS-12; Mary Ann P. Meurer, GS-12; Carlene I. Mitchell, GS-6; Kenneth Moit, WG-2; Carol G. Moore, GS-5; Timmy G. Morris, WG-2; Steven D. Oswill, GS-11; Richard J. Paleczynski, GS-9; John M. Parker Jr., WG-11; Larry R. Pizzo, WG-2; Ernest Reith, GS-9; Michael J. Ronshausen, GS-11; Jules R. Roth, GS-7; Dan W. Rusco, GM-14; David Scurry, GS-11; Eugene L. Seger, GS-9; Diana M. Shepard, GS-7; Margaret M. Spezia, GS-4; Richard A. Sprung, GS-11; Robert L. Stoll, GS-9; John K. Swanson



STEPPING FORWARD—Construction workers try out the new main entrance to the Aerospace Center a few weeks before its opening during a ceremony attended by some 2,000 employees and retirees. Dedication of the new entrance and lobby culminated completion of the Building 36 "E" Wing construction project, representing a major step forward in the effort to modernize Aerospace Center facilities.



WE ARE PRAISED—Top officials of the Defense Mapping Agency recognize the Aerospace Center's contribution in earning a Department of Defense Joint Meritorious Unit Award for DMA. Presenting a plaque to AC Director Col. Byron S. Fitzgerald, USAF (left), during a Diving-In at the Chase Park-Plaza Hotel are, from left, DMA Director RAdm E.A. Wilkinson Jr. and Deputy Director for Management and Technology Lawrence F. Ayers.

1985 in Pictures

Text by Paul Hurlburt

Photos by Ed Mullen unless otherwise indicated.



GS-9; Matthew J. Taylor, GS-9; Charles D. Trimble, GS-11; Scott A. True, GS-11; Charles Viviano, GS-6; Stephanie M. Vogt, GS-7; Lee A. Warner, GS-9; Kelly S. Waymire, GS-9; Gary D. Yrjanon, GS-11; Nicholas J. Ziggas, GS-11.

Retirements

Robert J. Fraser (FEP), real property utilization specialist, retired Dec. 1 with 26 years of federal service. During World War II he served on the battleship USS Washington in Iwo Jima, Okinawa and the Philippines. During the Korean War he served on the destroyer USS Robinson. He came to the Aerospace Center as an engineering draftsman in October 1963. From 1968 to 1976 he worked in personnel classification and pay management. "I plan to travel to Europe with my wife and visit her relatives in Germany," he said.

Robert L. Wolverton, chief of the Construction Management Branch (FEEC), retired Nov. 29 with more than 30 years of federal service, including 17 years and four months at the Aerospace Center.

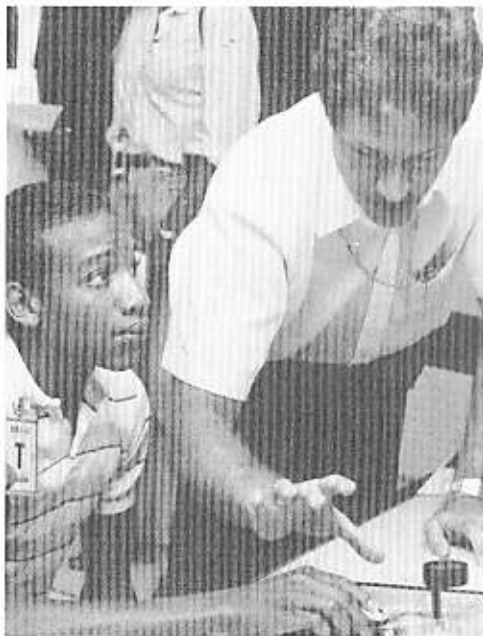
Willard W. (Woody) Wood (LOSM), warehouse worker, retired Dec. 2 with 42 years of federal service. He spent 21 years in the Marines. Among the first troops sent to the Pacific after the start of World War II, he arrived in American Samoa Dec. 30, 1941, and served as a mine and demolition expert. In peacetime, he was a construction engineer. He came to the Aerospace Center in 1963. "I plan to take it easy and go camping," he said. "I will be doing some volunteer work."



NEW DMA DIRECTOR—Major Gen. Robert A. Rosenberg, USAF, addresses a cross section of employees in the 2nd Street dining hall nine days after assuming command of the Defense Mapping Agency, The Kansas City, Mo., native was assistant vice commander of the new Air Force Space Command.



SPOEM AWARENESS—Senior managers join the director, Col. Byron Fitzgerald (right foreground), and the technical director, Paul L. Peeler Jr. (left foreground), for the first in a series of briefings on developments of the Special Program Office for Exploitation Modernization (SPOEM). Peeler instituted the briefings to inform managers of new production capabilities that will result from SPOEM initiatives, including their facilities impact and implementation effects.



CARTOGRAPHIC CHALLENGE—A high school student uses a cursor to give instructions to the Automated Editing System, while cartographer Chris Cuppan provides guidance. More than 20 students in a summer science program, conducted by SIU's East St. Louis campus, studied cartography under employee volunteers. Activities for grade-school and college students also resulted from the Center's new community outreach program.



THE HEAT IS ON—Theresa Maguire dramatizes a popular phrase, keeping pace with Mary Ann Pemberton in DMAAC Women's Basketball as she contemplates stealing the ball. A roster of 19 men and women's basketball teams provided an outlet for the competitive spirit of employees during the winter months. There was also formal competition in volleyball, bowling, tennis and racquetball. (Photo by Ron Andrascsek)



COOL IT—A contractor pours a bottle of distilled water into the cooling system of the Sperry 1100/91 computer system, installed in the Geosciences Division at South Annex. The top-of-the-line system, described as a "numbers cruncher" because of its computational power, was the first of three 1100/91's to arrive at the Center as part of the modernization program. (Photo by John LaBuster)

Postal Motto Doesn't Fit Winter Driving

The famous motto of the U.S. Postal Service goes this way: "Neither snow, rain, nor heat, nor gloom of night stays these couriers from the swift completion of their appointed rounds."

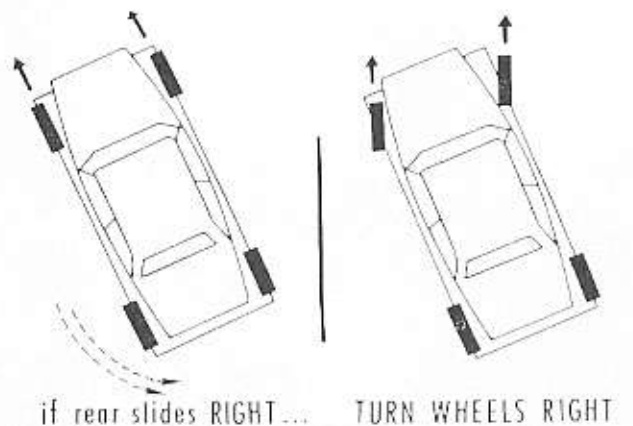
Well, if your appointed rounds are made in your car, don't rush to swiftly complete them in the snow or rain. Speed and hazardous weather are a dangerous combination. In fact, in bad weather don't try to make your appointed rounds at all if you can avoid driving. But if you must drive, here are weather-wise driving tips:

SNOW AND ICE. Each of your car's tires has one small area of contact with the road. That contact provides the traction that is so vital to starting, stopping and turning; and that traction is drastically reduced on snowy and icy roads. Snow tires help in snow but are no better than regular tires on ice.

Be alert for shady spots such as a high-banked highway cut or trees that block the sun. Bridges are likely to be frozen when other sections are clear. Remember that wet ice is far more slippery than "cold" ice. When the surface starts to thaw, watch out!

Drive slowly. Anticipate stops and slow down gradually. Pumping the brakes helps. If you start to skid, turn the front wheels in the direction the rear is sliding. Use a light touch and don't oversteer.

Be sure you can be seen. Drive with your lights on low beams in



blowing snow or in gloomy and dark conditions.

RAIN. A rain after a dry spell can mean trouble because water mixes with oil on the pavement and turns into "slicks." The early stage of rain — before the oil washes off — is the most dangerous time.

A heavy rain and too much speed can result in hydroplaning. Tires ride up on standing water and steering traction is lost. This scary possibility is greater when tires are worn.

Watch for head-down or umbrella-screened pedestrians. When driving through water, slow down and shift to a lower gear to prevent a stall and to keep the ignition system dry. Lightly ride the brakes to dry them.

FOG: the most dangerous condition

following driver may think you are still on the road and crash into you.

Better yet, find an exit, a secondary road, or a driveway and get off the more heavily traveled road entirely. Sit tight until conditions improve.

When fog is intermittent, hanging in low spots, or near a body of water, enter such patches slowly enough to stop quickly because there may be an accident just ahead. Fog is the main cause of chain-reaction pileups.

Hopefully these ideas will save you from injury or maybe even your life. Which is more important? Your safety or your destination?

—Safety & Fire Prevention Office

Gleason...

Continued from page 1.

Looking Back

TEN YEARS AGO... Elections were held Dec. 16 to determine the desires of nonprofessional employees in having the National Federation of Federal Employees (NFFE) represent them. A total of 539 employees out of a possible 1235 cast their ballots.

The question on the ballot asked: "Do you wish to be represented for the purpose of exclusive recognition under the provisions of Executive Order 11491 by the National Federation of Federal Employees, Local 1827?"

The balloting resulted in 287 (53 percent) "yes" votes and 252 "no" votes. There were no void ballots. (Orientor, Dec. 26, 1975)

TWENTY YEARS AGO... Everybody enjoys a hootenanny, and the South 8900 was the hootenest, as they demonstrated their musical abilities to the accompaniment of banjos, guitars, jugs, tubs, combs, mouth harps — anything that made noise, er, music. The show, with an appearance by Santa Claus, took place in the Printing and Distribution Division. Minnie McKnight was the author, producer and director.

Fern Scheuermann, Glenna McCormack and William Heminghaus impersonated Peter, Paul and Mary — and, podner, you needed a program to tell who was who. Cowboy fashion, Kenney Williams had to brag about his gal, "The Yaller Rose of Texas"

(Sharon Burnham), the like of which you never saw before. The cast sang "Ragtime Cowboy Joe," with the words put into action by dancers Laurie Zweifel, Sandi Hartman, Laurene Benz and Donna Schaffer. The finale opened on a living Christmas tree, bedecked with real live singing ornaments. (Orientor, Dec. 23, 1965)

Aircrews flying in Vietnam have few good landmarks because of the dense jungle vegetation. To improve navigation ACIC is producing Tactical Air Positioning (TAPS) graphics, which provide precise positioning information for counter-insurgency operations. Installed in the B-26, C-47, C-123 and various helicopters, TAPS shows the aircraft's position and track on a display containing a Flight Log Chart that moves as the aircraft does. ACIC has produced 58 of the charts, 10 inches wide and up to 18 feet in length. A low-frequency radio signal from a master station to three slave responders results in a navigation fixing technique similar to Loran.

ACIC worked around the clock earlier this year to produce 12 Joint Operations Graphics (JOGs) covering North Vietnam. JOGs are designed for joint operations between air and ground forces. We are expanding our JOG series to cover all of Southeast Asia as well as other selected world areas. (Orientor, Dec. 10, 1965)

Luncheon Entrees

Wins Debate

Lisa Savoy, daughter of Nora Petty-Savoy (SDAAF) and Lester Savoy (DSTM), participated in her first debate at Fox High School in Arnold, Mo. One of six students representing McCluer North High School, she was the only one to win her position, the negative on "It is better to die on your feet than live on your knees." A junior, Lisa is also a model for the Jamestown Mall Fashion Board, which represents stores at the mall.

lion's driver faces is fog. No amount of driving skill can compensate for lack of visibility. If the lane lines are too worn to see or visibility ahead approaches zero, get off on the shoulder of the road as far from traffic as you can and stop. Turn off your lights, or a

1986 Softball

Anyone interested in helping organize any of the softball leagues for next summer contact Larry White/4161 or Ron Muse/4912.

application of a numerical algorithm (Clenshaw summation) to mathematical functions used in producing gravimetric quantities from satellite radar altimetry data. Gravimetric quantities are a major product of the Geosciences Division.

The algorithm is applied to partial sums of series involving Legendre functions without ever computing the individual terms comprising the sums. The procedure reduces computer processing time about one-half.

Geason has also produced a software package that eliminates instabilities in numerical values of the Legendre functions. The package is now used in both the government and academic communities.

A native of Cleveland, Geason earned his B.S. from Ohio State and a master's in mathematics from Ohio State before coming to the Aerospace Center in November 1977.

He was a member of the Geosciences Division team that helped to develop the World Geodetic System 1984, a mathematical representation of the earth used for scientific and Department of Defense applications. He is now working on a procedure for an earth gravitational model that, if successful, would exceed DMA's present capabilities.

Geason and his wife, Boonrueng, are parents of two girls, Melanie, 3, and Nerissa, nine months.

available in the dining halls at 3200 S. 2nd St. and 8900 S. Broadway and in the snack bar of Building 36. Prices of entrees vary. All entrees listed are subject to change without notice.

Week of Dec. 30

- Mon. — Ravioli with meat sauce, garlic bread.
- Tue. — Polish sausage with kraut.
- Wed. — NEW YEAR'S DAY
- Thu. — Baked turkey and dressing.
- Fri. — Fried fish filet.

Week of Jan. 6

- Mon. — Salisbury steak with onions and gravy.
- Tue. — Beef stew with biscuit, small salad.
- Wed. — Fried chicken with french fries.
- Thu. — Beef tips over noodles.
- Fri. — Fried fish filet and french fries.



GRADUATES OF ORIENTATION PROGRAM FOR CARTOGRAPHERS AND GEODESISTS, Class 85-J, are pictured. Seated, from left: Catherine Lyke — Bemidji State (Minnesota), Locha Scott — Southern Illinois University (Edwardsville), Ginger McHargue — University of Kentucky, Louise Thomas, — Mississippi State, and Effie Grossnickle — University of Kentucky. Standing, from left: Lindell Baker — University of Missouri (Columbia), Lawrence Hansen — University of Akron (Ohio), Rich Takmajian — Southern Illinois University (Edwardsville), Robert Jaye — Wayne State (Michigan), Thomas Mertz — Eastern Illinois University, Marian Howard — James Madison University (Virginia), Richard Egan — University of Missouri (Columbia), Emma Sewell — Tarkio College (Missouri), Scott Strehlow — Western Illinois University, Dennis Manning — University of Wisconsin, Dennis Bauer — University of Missouri (Columbia), and Oscar Puhan — Southwest Missouri State.

Orienteer

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