

MARTIN MARIETTA

news

DENVER AEROSPACE

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Sign of good communication—page 2

AFPRO is 'communication link'



Col John D. Masson



Lt Col David C. Rice

"The relationship between Martin Marietta and the Air Force Plant Representative Office (AFPRO) has been a healthy one," said Col. John D. Masson, "and I intend to keep it that way."

Masson, recently assigned as the Air Force Plant Representative and commander of Air Force Contract Management Division Detachment 10 here, added, "Denver Aerospace and our office have a reputation for open and candid communication. Our goals are the same: to produce technically sound, well-performing products—on time and at the right cost."

The new AFPRO and his deputy, Lt. Col. David C. Rice, emphasize communication is the key to the successful relationship.

"We are a vital communication link between the company and the government agency buying the product," Rice said. "We facilitate the flow of information and assure that everyone involved understands what is required to complete the work successfully."

AFPRO monitors contracts for any government agency buying from Denver Aerospace upon request. Currently, 60 percent of the AFPRO's work is for the Air

Force and 30 percent for the National Aeronautics and Space Administration. Others include the Navy and the Department of Energy.

Before coming to Denver, Masson was director of contracting for tactical systems at Wright-Patterson Air Force Base, OH. He has had a wide range of procurement and contracting assignments since receiving his commission in 1962. He has a B.S. in business administration from Bradley University, Peoria, IL; an M.S. in system management from the University of Southern California, Los Angeles; and is a graduate of the Defense System Management College, Fort Belvoir, VA.

Rice was chief of the program support division in the AFPRO at Boeing, Seattle, before assignment here. His contracting and procurement assignments include serving as administrative contracting officer on the Titan III solid rocket booster program for the AFPRO at United Technologies. His commission dates from 1965 after earning a B.S. in business administration from Virginia Polytechnic Institute, Blacksburg. Rice's master of business administration degree is from Western New England College, Springfield, MA, 1977.

On the cover

Engineer's sign language aids two deaf employees

Next meeting or class, try to follow with ears plugged. Faith Bassett and Rosemarie Bodnar, printed circuit (PC) board workers here, face that dilemma continuously. Both are deaf.

Before, they had to rely almost entirely on notes and written summaries from coworkers for information coming out of meetings. Now, through engineer Floyd Goode's knowledge of sign language they can participate fully with his translations.

Goode pointed out their impaired hearing is actually an asset on the job in many ways. "For one thing, they're not distracted by assembly room noises."

Goode is not hearing impaired, but began signing about 10 years ago through a program at his church, Westlynn Baptist.

Bassett, a 12-year Martin Marietta employee, said coworkers often even learn some basic signing just through the daily association. She and Bodnar also read lips; in a pinch, they write notes. Since Bodnar started at Martin Marietta four years ago, she and Bassett have worked across from each other, installing and soldering circuits on PC boards used in the Peacekeeper program. That has given them greater social contact.

Both noted the deaf and hearing impaired "appreciate being included in conversation, and it's easier to talk with us than you might think."

They offered these tips: "Look directly at the person so they can see your lips; speak slowly and distinctly, but do not exaggerate your words."



Sitting across from each other while working on their PC boards, Rosemarie Bodnar (left) and Faith Bassett (far right) enjoy a break with engineer Floyd Goode whose knowledge of sign language has helped the deaf workers in meetings and classes.

Everything you always wanted to know about computers, but were afraid to ask

(Editor's Note : This is the first of a two-part series on the integration of new technologies into the user environment of Denver Aerospace's data system.)



Equipment in the Information Center is available for "walk-in" users who would like to learn more about computers. Shown here are some of the Center's staff and users: (from left) Cheryl Davis-Gray, Marie Brown, Patrick McGuire, Robert Dow, and Ron Remy.

If the electronic, digitized, computerized, microchip world is a mystery, take heart and visit the main plant's Information Center at SSB518Q.

A joint operation of Denver Aerospace and Martin Marietta Data Systems, its primary purpose is to: "de-mystify" data processing for the uninitiated.

The center has several personal (micro) computers, two mainframe terminals that are connected to a Data Systems' computer, several printers, and a variety of software and computer-oriented publications available for users.

"The center was conceived more than a year ago to serve as a buffer between the main computer system and the potential system user.

"We wanted to create an environment conducive for people to come in and work," said Ron Remy, chief/finance information systems. "We determined the need for the Information Center because people seem to have difficulty getting to the information that's available on the systems here."

After demonstrations on the uses of microcomputers to more than 100 managers, the center installed 18 units in 14 areas of Denver Aerospace. Staff also provided training and support for those users, which now number more than 150 employees.

Because information needed for reports and proposals is often hidden in the "invisible backlog" of a computer system, valuable time is spent compiling data manually instead of retrieving it from the data system directly. Either users are unaware it is there, or the bureaucracy and paperwork involved in trying to retrieve it seems prohibitive, Remy said.

The Information Center staff, employees from cost management's finance information system, and Data Systems, spent the past year developing means to bring the information already in the system to light. When a request for specific information comes in, they are generally able to locate quickly the required data.

"People don't really know what their information needs are until the 11th hour, and, then, the task of (manually) collecting the information is monumental," said Robert Dow, administrator/finance and one of the lead systems analysts for the Information Center. An important function is helping people determine their specific information needs at the very outset, he added.

The concept itself is not new. The first such center was organized by IBM about 1977. Other companies have since taken up the concept as a way to introduce employees to new technology in a supportive and nonintimidating environment.

(A second article will focus on microcomputer technology application in various departments.)

United Way campaign opens

Department coordinators met today with Mile High United Way representatives to plan the annual campaign, September 26 through November 18.

Employees will be asked to sign pledge cards authorizing payroll deductions to support the work of more than 90 member agencies. Tax deductible contributions are spread throughout the year.

"The 1983 drive begins with 80 percent

percent employee participation," said Leroy Hollins, chief coordinator of the campaign. "The goal, as it is every year, is to reach 100 percent participation."

Throughout the campaign, *Martin Marietta News* will explain how employees can benefit from the United Way and how human care services meet the needs of the Denver metropolitan area.

Martin Marietta among Oak Ridge finalists

The Department of Energy has selected Martin Marietta Corporation, Rockwell International Corporation, and Westinghouse Electric Company as finalists in a \$10 billion, five-year contract to operate its Oak Ridge, TN, facilities. There were seven original bidders.

Peter B. Dayton, procurement director, said the contract—largest operations contract the department awards—will be

decided 9 December, and the job will begin 1 April.

Union Carbide previously operated the four government-owned nuclear weapons and research laboratories and production facilities at Oak Ridge and Paducah, KY, since World War II. The company announced last spring it wanted to withdraw from the 18,000 employee operation to concentrate on its commercial business.

Change coming in copier services

Under terms of a Corporate-negotiated contract, Canon bond copiers will replace Saxon copiers throughout Denver Aerospace facilities in October. Canon copiers are already in use at Orlando Aerospace.

Replacement and training schedules will be announced soon.

"The firm supplying the Canon copiers was the low bidder in our annual search for the best service at the lowest cost," said George B. Macaulay, manager of publications.

He added other savings will be realized through the faster copying speed of the

new machines. That means the number of copiers can be reduced. Also, less time will have to be spent at the new copiers because two different sizes of paper are available at the touch of a button. That feature eliminates removing one paper tray and inserting another to go from 8 1/2x11- to 11x17-inch paper.

"Because the expense for copiers comes from overhead budgets, we urge everyone to be frugal in their use of the machines," Macaulay added. "Each copier will meter the number of copies made, and we will be charged accordingly."

Vice president to chair AAS conference

Robert J. Polutchko, Space and Electronics Systems division vice president and general manager, will be general chairman of the 30th National American Astronautical Society (AAS) conference October 3-5 at Colorado Springs.

Denver Aerospace President Norman R. Augustine will moderate one of the panel sessions.

Government and industry leaders will par-

ticipate in discussions centering on Department of Defense, National Aeronautics and Space Administration, and commercial space operations during the 1980s and 1990s.

Keynote speaker and conference executive chairman will be Gen. James V. Hartinger, commander of the United States Air Force Space Command and commander-in-chief of the North American Aerospace Defense Command.

Employees are honored for test program work

Awards of excellence were presented for "very special and significant contributions" to 30 Denver Aerospace employees at Vandenberg Air Force Base for their work on the Peacekeeper flight-test program.

Honorees at the awards dinner were:

Timothy G. Anderson, Zack H. Barbee, Robert K. Boyce, Bernard O. Camba, Anthony A. Castro, Timothy A. Chavez, William J. Compton, Robert K. Donald, Richard N. Eilerman,

L. Greg Fernandez, Alan Fitzgerald, William R. Hanley Jr., Daniel L. Hendry, Gary L. Hilbert, James E. Hollopeter, Eugene E. Holloway,

Robert L. Jones, Lawrence B. LeNard, Kermit H. Marston Jr., John J. Melatti, Terry A. Murdock, Jerald D. Nelson, George W. Newman, Gordon P. Nielsen,

John P. Rovnak, William A. Shields, Jr., Jeffrey M. Smith, Joseph B. Tarlton, Charles E. Warren, Sr., and Barbara Weaver.

Junior Achievement advisor teams ready for fall semester

Junior Achievement (JA) advisors recently completed an all-day training session to prepare for the fall 1983 semester.

Tom Elbring, Julie Justin, and Michael Hockman represent Denver Aerospace. Data Systems advisors are Robert Johnson, Terri Luger, and Karen Martin.

Advisor teams work with groups of 10 to 30 high school students, meeting weekly for 15 weeks in both fall and spring semesters. Students are recruited for their in-

terest in learning the business world through first-hand experience.

Students learn about business operations and the marketing, production, and financing of a product by forming their own company. They elect officers, locate investors, and organize themselves to manufacture and sell a product, usually small items such as fire extinguishers and coats.

Interested volunteers should contact Lori Sharpe in recreation.

Michoud wins NASA award fee

The National Aeronautics and Space Administration has awarded Michoud the highest percentage award fees for work on the External Tank design, development, test, and engineering since the division signed the contract 10 years ago.

The Marshall Space Flight Center rating board called the division's work "superior" and awarded it 96.9 percent of the available award fee for the normal performance part of the contract, plus 100 percent of the available fee for work on productivity aspects of the award.

Achievements cited for the rating period of January-June 1983 include the successful flight of the sixth External Tank on STS-7 and surpassing a \$66 million cost-savings goal six months ahead of schedule.

The three test and six flight tanks called for under the contract have been delivered to NASA. Continuing work on the contract includes support of operational flight activities, inflight and postflight analysis of External Tank flight performance, operation of a mission support room at Michoud, and productivity and producibility work.

Operation Santa Claus seeking volunteers

Volunteers are needed throughout the year, as well as for the Christmas wrapping/delivery effort, by the Operation Santa Claus board of directors.

Last year the organization delivered food to more than 100 families and toys to 381 children.

Serving on the 1983 board of directors of the employee-operated organization are: Dwaine Schilling, chairman; Beverly K. Fuhrmann, vice chairman/treasurer; George E. McCone, secretary/financial secretary; Floyd R. Teiffel Jr., paper pickup chairman; and Roy W. Hall, at-large member.

This year the organization is seeking out causes requiring year-round participation in both volunteer labor and funding. Suggestions on worthy causes are welcomed.

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Call Ext. 5364 with information or suggestions for articles, or call one of the following coordinators.

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Vandenberg Operations:	William Leary 2202

DENVER AEROSPACE
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Congressional Voting: 1984 Defense Authorization

The \$187.5 billion defense authorization bill for fiscal 1984 has passed the Senate, 83-8, and the House of Representatives, 266-152. Included in the military spending package were \$4.8 billion for procurement of 21 Peacekeeper intercontinental ballistic missiles, \$5.6 billion for 10 B-1 bombers, and \$407.7 million for 95 Pershing II missiles for deployment in Western Europe. Voting breakdown:

	For	Against
COLORADO	Sen. William L. Armstrong (R) Rep. Daniel L. Schaefer (R) Rep. Kenneth Kramer (R) (NOTE: Sen. Gary W. Hart [D] was absent for the vote.)	Rep. Patricia Schroeder (D) Rep. Timothy E. Wirth (D) Rep. Hank Brown (R)
CALIFORNIA	Sen. Pete Wilson (R) Rep. Robert J. Lagomarsino (R) (NOTE: Sen. Alan Cranston [D] was absent for the vote.)	None within a 50-mile radius of major Martin Marietta facilities.
FLORIDA	Sen. Lawton Chiles (D) Sen. Paula Hawkins (R) Rep. Bill Nelson (D)	None within a 50-mile radius of major Martin Marietta facilities.
LOUISIANA	Sen. J. Bennett Johnston (D) Rep. Robert L. Livingston (R) Rep. Lindy Boggs (D) Rep. W. J. (Billy) Tauzin (D) (NOTE: Sen. Russell B. Long [D] was absent for the vote.)	None within a 50-mile radius of major Martin Marietta facilities.

Congressional Directory update

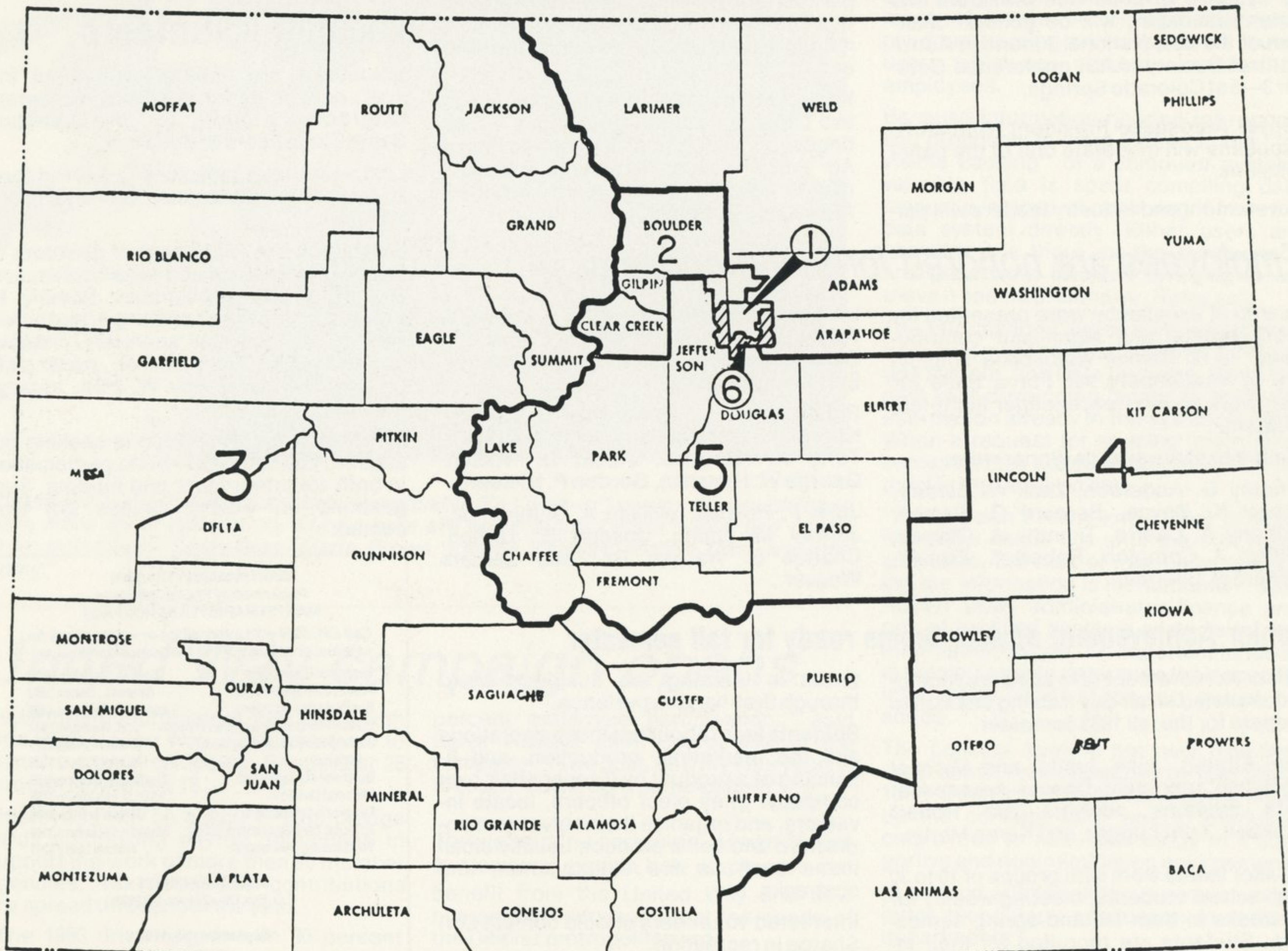
Last issue's congressional directory omitted inadvertently Representative Dan Schaefer of Colorado. (Former astronaut Jack Swigert had been elected to serve Colorado's newly created sixth congressional district, which includes portions of Adams, Arapahoe, Denver, and Jefferson counties. He died before taking office, however, and Schaefer won a special election to fill that vacancy.)

Schaefer's home-state and Washington addresses and telephone numbers are listed below with his committee and subcommittee assignments.

Rep. Daniel L. Schaefer (R) 730 West Hampden Avenue, No. 110, Englewood 80110, (303) 762-8890; 1116 Longworth House Office Building, Washington, DC 20515, (202) 225-7882.

- 1) Government Operations Committee — Subcommittees: manpower and housing; government activities and transportation.
- 2) Small Business Committee — Subcommittees: general oversight and economy.

Colorado Congressional Districts 1-6



Denver Aerospace employees gear up for Olympic trials

Marathon runner trains to make 1st women's Olympic marathon team

"Chances of me making the (1984 U.S. Olympic marathon) team . . . , it would be a miracle. But I do have potential."

Cynthia Pickering, 26, a robotics engineer here, took up running "just to keep fit and to get some sort of physical activity going." Now she is aiming for a berth in the first women's Olympic marathon, a distance of 26 miles, 385 yards.

Last year she ran five marathons during her first tries to "beat the wall," winning three and placing high in the other two. But injuries this year prevented competition until mid-August when she placed sixth in the Georgetown-Idaho Springs half-marathon. She then placed second in a 10k-race late last month and won another 10k-event two weeks ago. Pickering credits her friends' and coworkers' support in her comeback. She now runs about 80 miles a week, often before or after work, on roads around the main plant.

Her best time, 2:50:17, was at Huntsville, AL, last year. She must do as well or better in yet another marathon to earn a place at the April 1984 Olympic qualification trials. Top women marathoners with times of 2:51 or better will qualify.

Pickering plans to run the Fort Collins Rawhide Marathon October 17 and then a November sea-level race, hoping to better her time.

Engineer wins regional yachting championship, trains for Olympic trials

The Rocky Mountains may not be a "nautical hotbed," but if William F. Cabrall has his way, the world will gain new respect for sailors from these hills after next spring's Olympic yachting trials.

Cabrall, a staff engineer at the Greenwood Commons facility, recently won the Rocky Mountain regional championship of the Star Class division to become eligible for the 1984 Olympic trials next May 15-24 off Long Beach, CA.

Star Class is one of seven in Olympic boating competition and involves 23-foot keel boats raced by two-man crews. Cabrall's partner is Clay McGann, an engineering senior at the University of Colorado.

At regional trials on Lake Dillon during the Labor Day weekend, they won five of the six trial races.

Cabrall noted Dennis Connors, captain of the America's Cup team, also will be racing Star Class at the trials. Thirty-five boats will be in the regatta, but only one will represent the United States in 1984. Cabrall emphasized he is training and getting his craft into top condition to be that entry in the next Games.

Recreation

Hunting—Skyline Hunting and Fishing Club will sponsor range practices Saturday, October 8, and Sunday, October 9, from 8:00 a.m. to 1:00 p.m. Cost is \$1.00 per rifle, and the event is open to all Martin Marietta employees and their guests. The club's rifle range includes 100- and 200-yard ranges. Targets are furnished. See recreation racks.

Walking tours—Reserved walking tours through Roxborough State Park are available to Martin Marietta employees during September and October, although the park is not open to the public. Located about three miles south of the Waterton facility, the park contains 773 acres of spectacular geologic formations. Call Jim Allison, ext 4863; Paul Scheffer, ext 3605; or Chatfield State Recreation Area, 797-3986.

Diving—Fathom Dive Club members are eligible for a special package trip to the Netherlands Antilles, November 18-26, that will include diving off Curacao and Bonaire. Call Steve at Weaver's Dive Center, 499-0983.

Discount movie tickets—Recreation representatives are selling discount tickets good at many area movie theaters. Tickets are valid seven days/nights a week and cost \$2.50 each. See recreation racks.



The Martin Mariners soccer team captured 1st place in the Empire Division of the Mile High Soccer League this summer with a final record of 6-1-2. Pictured are: (front row) Robert Avjian, Robert Hada, Shayle Hirschman, George Desiniotis, Thomas Mullany, and Khaled Sharmit; (back row) Robert Cox, James Lowrie, Ata Katebini, Robert Michaud, Richard Valore, George Pazmino, and Nabil Nassar. Not pictured are Ronald Rausch, Richard Prezkuta, James Schmid, and William Thomas. The Mile High Soccer League is a member of the Colorado State Soccer Association and part of the United States Soccer Federation. The team is now forming for the fall league and is in need of several experienced players. If interested, call Robert Avjian at ext 3463.