

July 18, 1986

Number 14

## Family Open House tomorrow marks 30th anniversary



## Variety of activities, events scheduled

On Saturday, July 19, Denver Aerospace will mark its 30th year in Colorado with a family open house for employees and their families. There will be a variety of activities at the Martin Marietta facilities in the Denver metropolitan area from 8 a.m. to 3 p.m.

Among the activities scheduled are:

- An appearance by astronaut Bruce McCandless.
- An aerobatic exhibition by three members of The Great American Flying Circus. (Look northeast over the hogback around noon, weather permitting.) The group includes Len Cresawn from Denver Aerospace.
- Entertainment by Rare Moment (dancers and singers); a country band called Quarter Moon; The Red Beans and Rice Jazz Band; a rock band called Hot Lunch; Ballet Folklorico de Denver; the mime team Tom Foolery; Elroy Bondo's Comedy Juggling Review; the Keystone Kops; and the El Jebel Clowns.
- Free food, cold drinks, and souvenirs commemorating the 30-year anniversary will be available during the day, including a book detailing 30 years of aerospace success, a special color issue of

the *Martin Marietta News*, and a medallion.

Admittance to the open house will be by employee badge. At least one employee must accompany each vehicle entering the main gate of the Waterton facility. Special access passes are available for retirees and for families of employees required to work during the open house. Shuttle buses will be available to transport visitors along the tour route.

Cameras and tape recorders are not permitted. Some areas will not be open to visitors. Employees and their families should adhere to approved tour routes and areas. ■



*Terrace Towers II is located north of Orchard Road on Denver Tech Center Parkway.*

## Space Launch Systems begins move

About 1,000 Denver Aerospace employees have begun moving from Greenwood Commons into a new Denver Technological Center office tower.

Space Launch Systems, under the direction of Vice President Richard E. Brackeen, is expanding into the entire 12-story, 210,000-square-foot Terrace Tower II building. The

move will be completed in September.

Greenwood Commons will be filled by other Martin Marietta employees, including employees from Information & Communications Systems (I&CS). Mainframe computer capabilities and some classified programs at Greenwood Commons will not be moved to Terrace Towers. ■

## Corporate news

### Wirth, Smith named to new posts

Michoud Aerospace has appointed Thomas C. Wirth as vice president in charge of the External Tank program. Orlando Aerospace has announced the appointment of Robert W. Smith to be vice president in charge of the company's helicopter electro-optical navigation and targeting system called TADS/PNVS.

Since 1985, Wirth has been at Michoud Aerospace as director of development and coordination on the space station design contract. He joined Martin Marietta in 1958 at Cape Canaveral and served in a number of engineering and management positions on Titan launch vehicles, the Skylab program, and External Tank launch processing operations. During this latter assignment, his group earned 14 consecutive "superior" ratings from NASA for launch processing performance—an industry record.

Wirth succeeds Robert W. Smith, who will transfer to Orlando to lead the TADS/PNVS system, a target acquisition and designation/pilot night vision system, under production for the Army's Apache attack helicopter.

Smith has been vice president in charge of the External Tank program and deputy general manager of Martin Marietta Michoud Aerospace at New Orleans since 1984. He joined Martin Marietta in 1969 in Denver after retiring from the U.S. Air Force with 20 years of service. He was chief and later manager of the Earth Resources Experiment Package of the Skylab program before being named manager of systems engineering for the External Tank. He was director of program development for the tank program before being named vice president. He succeeds J. Richard Cook, who has returned to Denver to head the company's Space Station project.

### Hall promoted to corporate vice president

Dr. Charles A. Hall has been promoted to vice president/engineering and technical operations at corporate headquarters. He will report directly to Robert G. Morra, vice president of technical operations.

Hall joined Denver Aerospace in 1959 and held various positions in mechanical engineering. He transferred to Baltimore Aerospace in February 1982, where he was promoted to vice president of technical operations. In August 1984, Hall moved to corporate headquarters as director of research.

## Rodney to head NASA office

George A. Rodney will head a new Office of Safety, Reliability, and Quality Assurance (SR&QA) at NASA Headquarters, Washington, D.C., as associate administrator. Rodney is presently director of mission success at Orlando Aerospace.

NASA Administrator Dr. James C. Fletcher announced the new office on July 8. Rodney is expected to join NASA about Aug. 1 and will report directly to Fletcher.

Rodney's responsibilities will include overseeing safety, reliability, and quality assurance functions related to all NASA activities and programs. In addition, he will be responsible for reporting and documentation of problems, problem resolution, and trends associated with safety.

Rodney has extensive experience as an experimental test pilot, the management of aircraft and missile test programs, and the direction of product integrity/product assurance programs for manned and unmanned space systems. Prior to his present position, Rodney served in a similar capacity for Michoud Aerospace. ■

## Denver I&CS has first awards night

The first annual Denver Information & Communications Systems (I&CS) awards night was conducted May 10 to recognize employees who have made especially notable contributions to the company.

Terry Dahlquist was named company-wide I&CS manager of the year. Michael Mann, who works at the Air Traffic Control (ATC) Division in Washington, D.C. was named engineer of the year.

Forty awards in five general categories were presented by Robert Polutchko, I&CS president, and Al Hawkins, Denver I&CS vice president.

The honorees by award category were:

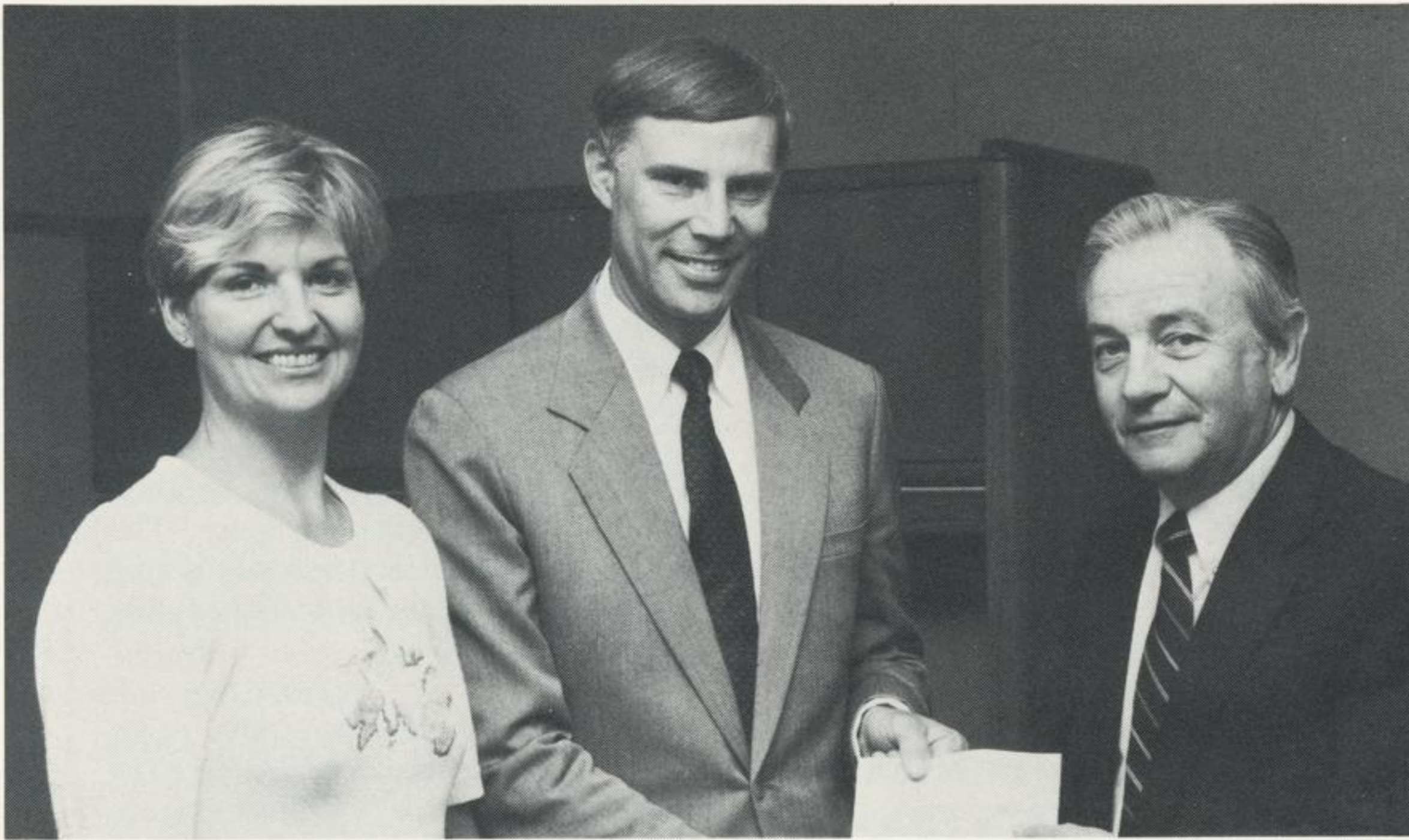
**Technical Achievement Awards**—James Billars, Daniel Ellerhorst, Edward Galavotti, Lee Hendrick, Brian Jameson, Roland Joslin, Gene Kasch, Dittmar Kittler, Robin Knox, James Koering, Timothy Ladewig, William Lapham II, Lisabeth Mackiewicz, Patricia Omer, Harl Porter, Jeffrey Rogers, Larry Tucker, Fred VanAtta and Barry Wilderman.

**Operational Performance Awards**—Terry Allan, Thomas Bosco, Sam Catanzaro, Joyce Dame, Renee Hoffman, John Hukill, Richard Kiley, Carol Krug, Michael Osborne, Lawrence Perkins, Thomas Rosso, Ronald Schuchardt, Norman Seay, Galen Stockton-Moore, Richard Westbrook, William Wise and Samuel Yanni.

**Quality Achievement Award**—Leonard Sobas.

**Business Development Award**—Joseph Profera.

**Special Recognition Awards**—John Flater and Cynthia Thomas. ■



### Junior Achievement receives contribution

Barbara McDonald, executive director of Junior Achievement of Metro Denver, Inc., watches as Warren Dean, a member of the board of directors, accept a \$6,750 check from the Martin Marietta Corporation Foundation presented by Richard E. Weber, vice president of Personnel and Facilities. Junior Achievement offers students practical education in private enterprise.

## Kronauer to head Denver Ethics Office

As part of continuing action to support the Martin Marietta Code of Ethics and Standards of Conduct, the Corporate Ethics Office has announced that the Denver Ethics Office, established in May by Winant (Si) Sidle, director of Corporate Ethics, will be continued.

Cliff Kronauer, director of effectiveness programs, will be the local representative of the Corporate Ethics Office, in addition to his

duties on the Commitment to Excellence program.

The office will supplement normal communication channels for Denver employees who desire confidential discussions of matters related to the corporate code.

Kronauer's office is located in Room 129 of the Engineering Building at the Waterton facility, Ext. 7-4530. ■

## Air Force names new commander

Maj. Gen. Donald O. Aldridge has been named commander of the 1st Strategic Aerospace Division in California, replacing Maj. Gen. Jack L. Watkins, who will retire Oct. 1.

Gen. Aldridge is currently the Joint Chiefs of Staff representative for the Strategic Arms Reduction Talks in Washington, D.C., and Geneva, Switzerland. Previously he served as deputy U.S. representative to the military committee of the North Atlantic Treaty Organization in Brussels, Belgium. ■

## Award program set for young astronauts

The Young Astronaut Council and Pepsi-Cola USA announced the creation of the Young Astronaut Continuing Education Foundation. The announcement was made April 27 in 30 major newspapers.

The focus of the foundation's first program is to provide \$1,000 recognition awards to young people, now younger than 10, when they graduate from a college or university with a bachelor's degree in math or science. As a membership benefit, current Young Astronauts (as of April 27) will be eligible to receive one of these awards, provided they are registered with the program.

Registration forms are required by Dec. 31, 1986. For more information, contact the Young Astronaut Council, 1211 Connecticut Ave., N.S., Suite 800, Washington, D.C. 20036, or call (202) 682-1985. ■

## Performance Sharing Plan News

The recently concluded open enrollment resulted in an increase in the maximum allowable before-tax contribution for participants in the higher pay level, from 11 to 12 percent. Employees affected by the review will receive additional information from the corporate office at their home address.

All PSP changes and new enrollments are effective with the first full pay period in July 1986. Exempt salaried employees will see the changes on the July 25 paycheck, and nonexempt salaried employees will see the changes on the July 17 paycheck.

Unit Value	Annual Rate of Return
April 1986	(Compared with April 1985)
Fund A: 3.6493670022	36.77
Fund B: 2.3819126974	12.36
Fund C: 4.4700734549	31.47
TCESOP: 1.7542215538	31.29
(Tax Credit Stock Ownership Plan)	
May 1986	(Compared with May 1985)
Fund A: 3.8489360046	36.06
Fund B: 2.4041582490	12.28
Fund C: 4.8043062286	24.91
TCESOP: 1.8834227335	24.54

## Titan activities to grow at VAFB

The Titan planning and control department has the task of coordinating several departments in the Titan reactivation and modification projects at Space Launch Complex-4 (SLC-4) at Vandenberg Air Force Base, Calif.

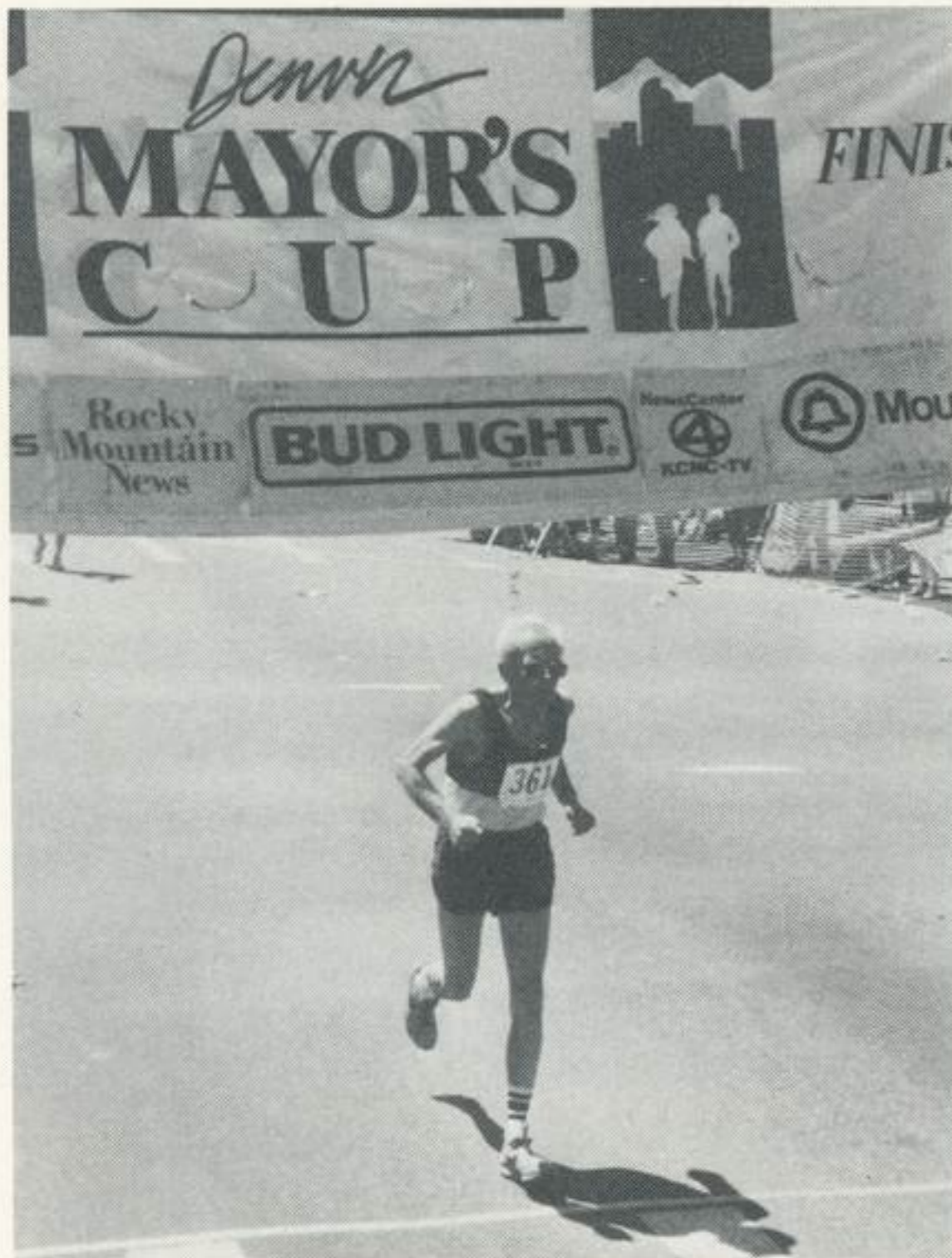
The task is part of an accelerated project to re-establish Titan III launches and to prepare to launch converted Titan IIs as expendable launch vehicles from SLC-4's two pads.

The Titan planning department coordinates the engineering, test operation, materiel, quality and finance departments, and subcontractors.

"It takes a lot of concentration to coordinate all disciplines and integrate information from all participating departments," said Jerry Smallin, manager, Titan and common support plans and controls.

"A lot of dedicated employees are working long, hard hours to meet our goals, and we've had excellent support from all areas and departments."

SLC-4 is expected to be operational by this fall. ■



Harry Bruns crosses the finish line.

## Marathoner tires, but never quits

Harry M. Bruns has logged 18,000 miles since he began running nine years ago and finished fourth in his age group in the Mayor's Cup Marathon in May.

Bruns, 65, a materiel program representative for Denver Aerospace, has been with the company for 34 years. He has competed in 14 marathons.

"I began running gradually to get back in shape," he said. "Now I feel guilty if I don't run after work."

He runs six days a week. "Although I may feel tired when I first start out, I feel refreshed afterwards."

But Bruns says the greatest reward is the discipline that running has brought to his life. "Rain or shine, you have to get out and do it, and I think that concept has extended into other activities. There's no excuse for age being limiting."

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## Association develops leaders

The Denver Management Association is a Martin Marietta-sponsored organization designed to expand management skills and professional enhancement.

Founded in 1981, DMA serves to unify, develop, and strengthen the entire Martin Marietta management team and build good will in the local community.

Criteria for membership in the organization require a Data Systems labor grade of 15 or above or a labor grade of 45 or above for Denver Aerospace and I&CS employees. Associate memberships also are available for employees with lower labor grades when accompanied by a supervisory letter of recommendation. Anyone with a supervisory classification or a desire to enhance managerial skills is encouraged to apply for membership.

Entering its fifth year, DMA has a membership base of about 250 employees.

Peggy Evans, a Data Systems business systems designer, is this year's president of DMA. "I feel that our support for management is growing as DMA is recognized as a communication vehicle," Evans said. "We provide channels for the corporation to speak to employees, and DMA can communicate

employee ideas and concerns upward."

DMA provides a variety of activities to members. General meetings are held monthly at various hotels and restaurants in the area. Agendas usually include guest speakers addressing topics applicable to personal and professional development.

DMA also hosts "brown bag" lunch seminars and "Breakfast for a Buck" morning meetings as low-cost, high-energy alternatives.

Evans sees DMA as an opportunity for members to learn more about the company and meet employees from all divisions and projects.

DMA is exploring the possibilities of becoming a chapter member of the National Management Association (NMA). The entire membership will vote on the issue, and results will be disclosed in mid-June.

Other 1986 DMA officers include Dudley McCubbin, vice president; John Dietz, secretary; and Russ Gullet, treasurer. Ardath Baker, Barbara Dash, Ed Dash, Karren Darone, John Smith, and Dave Schweibold serve as the DMA board of directors.

For DMA membership information, contact Karen Almanza at mail stop IPF 98. ■

## Manufacturing: partners in productivity

Manufacturing has reorganized its quality circle program to become the Manufacturing Partners in Productivity Program. Ray Schwindt, director of manufacturing, signed the charter statement for the program, encouraging support and participation.

Partners in Productivity are small groups of employees with related work interests. Each group voluntarily forms a team and meets regularly to analyze work-related issues.

Using participative problem-solving techniques, the groups recommend improvements to management and monitor effectiveness of the improvements.

Program objectives are to:

- Develop personnel through training in problem-solving techniques,
- Provide a forum to encourage teamwork among all manufacturing organizations,
- Improve product quality,

- Improve cost/schedule effectiveness.

Expansion activities planned for the program include orientation/kickoff sessions to present the program to all manufacturing employees, and team member and team leader training in participative problem-solving techniques.

If you have any questions or ideas, please contact the representative in your area:

Gail Bonner	SSB	7-3870
Alan Solomon	SSB	7-5926
Kenn DeBont	1st Fl Fac	7-3507
Dave Coppfer	1st Fl Fac	7-6323
Larry Aschtgen	1st Fl Fac	7-6895
David Lee	2nd Fl Fac	7-5432
Randy Starita	2nd Fl Fac	7-6761
Chris Peterson	EMF	7-3807
Charlie Folsom	EMF	7-3807
LeAnn Pace	Eng Bldg	7-5125

## Health Awareness Week set for August 11

The employee service and recreation office will host Health Awareness Week Aug. 11-15. Blood pressure and diabetes testing and skin cancer screening will be available to employees. Seminars on smoking cessation, nutrition, and healthy lifestyles also will be offered.

The health awareness programs are scheduled at the following locations:

- Monday, Aug. 11—DSC;
- Tuesday, Aug. 12—SSB;
- Wednesday, Aug. 13—Engineering Building;
- Thursday, Aug. 14—GCF/Terrace Towers;
- Friday, Aug. 15—LSC.

More detailed schedules will be available in two weeks. ■

# Corporation signs 8 firms for telecommunications bid

Martin Marietta Corporation announced June 15 that it has signed working agreements with eight major telecommunications companies as part of its forthcoming bid to the General Services Administration (GSA) for the new federal telecommunications system, FTS 2000.

Martin Marietta will bid as the prime contractor and be responsible for the overall system, including integration and management of a nationwide network.

Northern Telecom Inc. of Nashville and its research and development arm, BNR, will provide network design, technical support, and software development, and establish a network control center. Seven companies will be responsible for arranging local communications services and local access to a national network. They are Ameritech, Chicago; Bell Atlantic, Philadelphia; Bell South, Atlanta; NYNEX, New York City; Pacific Bell, San Francisco; Southwestern Bell Telephone, St. Louis; and US West Information Systems, Englewood, Colo.

Long distance service will be provided by an interexchange carrier or carriers selected by Martin Marietta in its capacity as prime contractor.

FTS 2000 will be a major upgrade of government telecommunications, designed to provide a state-of-the-art network for voice, data transmission, video conferencing, and other services geared to the government's evolving requirements. GSA is scheduled to issue a request for proposals (RFP) for the system in the fall, with phased-in service by the selected contractor to begin in the late 1980s.

The proposal brings together the technical expertise of major communications companies in every section of the country with Martin Marietta's capabilities in the integration and management of large technological systems, primarily in aerospace, information, and communications.

"FTS 2000 will open a new era of federal telecommunications," said Thomas G. Pownall, chairman and chief executive of the Corporation.

"It will provide an ultramodern system that has substantial potential for additional technological advances in the years ahead. The goal of this multi-company approach will be to provide the most efficient and cost-effective telecommunications system for the U.S. government," he added.

Work is already under way in preparation for a response to the GSA RFP. ■



## Volunteers "jailed" to raise funds

Barry Daniel, left, government affairs manager, Denver Aerospace, is handcuffed by an Arapahoe County sheriff's deputy. Both were among volunteers who supported the recent American Cancer Society Jail-a-Thon fundraising drive. During his time in "jail" at the Denver Tech Center, Daniel raised nearly \$1,000 for the society.

## Air Force awards target contract

Martin Marietta has received an \$83 million Air Force production contract for a targeting system that will improve combat effectiveness of tactical fighter aircraft.

LANTIRN, an acronym for Low-Altitude Navigation and Targeting Infrared System for Night, enables F-16 and F-15 tactical strike aircraft to fly and fight at night and in bad weather.

LANTIRN uses an electro-optical sensor that detects infrared energy (emitted by a target and other objects) and shows the pilot a day-like picture even in the dark. The system also automatically aims an invisible laser beam to pinpoint targets for laser-guided weapons. ■

## June referral drawing prizewinner named

Joseph M. Toth, Jr. is the project referral winner for June.

Toth, an employee of Martin Marietta for 14 years, is manager of composites technology in the mechanical engineering department.

He referred Steve McClellan, an engineer now also in mechanical engineering. For his referral, Toth receives \$2,000. By having his name selected during the drawing, Toth wins a trip to Kennedy Space Center in Florida. ■



Ron Jones presents a certificate to Lori Sharp during the conference.

## Sharp earns professional certification

Lori Sharp was awarded professional recognition as a certified employee services and recreation administrator (CESRA) in May.

Presented by Ron Jones, president of the National Employee Services and Recreation Association (NESRA), the award recognizes personal achievement and continued high

standards of performance. NESRA is a non-profit, professional organization established in 1941.

Sharp, employee service administrator for Denver Aerospace since 1980, received the certification plaque at NESRA's 45th annual conference. ■

## Employee services/recreation

**Football**—An organizational meeting for those interested in flag football will be conducted at 5 p.m. Monday, July 28, in the SSB cafeteria. Persons interested in forming a team should call recreation, Ext. 7-6750 or 7-6605.

**Fishing**—A fishing trip will be conducted July 20. Call Steve Ahmann, Ext. 1-6322, for more information.

**Biking**—A mountain bike day trip will be conducted near Breckenridge Aug. 3. Call Steve Ahmann, Ext. 1-6322, for more information.

**Photography**—The Platte Canyon Photo Club will conduct a picnic Sunday, July 27 at Wellington Lake near Bailey (approximately 11 miles south of Highway 285). For details, call Bill Privatsky, club president, Ext. 7-4969.

**1986 Summer Discounts**—Hyland Hills Water World: Adult general admission is regularly \$8.95, and \$7.45

with an employee discount coupon (one coupon required per person). Children 12 and under would pay \$7.95 at the regular price, and \$6.45 with the discount. Children 3 and under and senior citizens 60 and over would be admitted free. Open 10 a.m. to 6 p.m. through Labor Day.

**Lakeside Amusement Park:** Free gate admission with coupon. Unlimited ride reduced rate would cost \$6.50 at the regular price, and \$5 with the discount (one coupon required per person). The offer is good Monday through Friday nights through August 29.

**Lakeside Stock Car Races:** \$4.95 regularly, and \$3 with the employee discount coupon, valid Sundays through Aug. 29.

**Elitch Gardens Amusement Park:** Unlimited rides usually cost \$9.50. With the value card, rides are \$7.50. One card needed per group, unlimited use.

Valid Monday through Friday, July 1 through Sept. 1. Employees may select one weekend day to bring family and guests for \$7.95. Present the value card at the Guest Service and Information Center located in the yellow building outside the west entrance gates. The pass has no cash value and may not be combined with any other Elitch discount tickets.

All discount coupons and value cards are available at the employee services and recreation office or from any recreation representative.

**Golf**—The Martin Marietta Open will be conducted Aug. 16 at the Raccoon Creek Golf Course, 7301 West Bowles Ave., Littleton. Employees from Denver Aerospace, Data Systems, I&CS, Martin Marietta retirees and Air Force personnel are eligible to play. The fee is \$22 per person, and the registration deadline is Aug. 4. Obtain entry forms from the recreation racks.

## New Small ICBM facility set for September start



Participating in the recent turnover of the new Design-to-Produce Facility are, left to right, Stanley F. Albrecht, vice president, Production Operations; Peter B. Teets, president, Denver Aerospace; John R. Adamoli, vice president and program manager, Small ICBM; and Stephen J. Ducsai, director, postboost vehicle.

A new 26,000-square-foot, self-sufficient assembly facility for the Small Intercontinental Ballistic Missile (Small ICBM) program was turned over to Denver Aerospace recently, and is scheduled for completion in September.

Designated the Design-to-Produce Facility (DPF), the building at Waterton will house employees working on the postboost vehicle (PBV), shroud and instrumentation range safety system (IRSS) manufacturing, IRSS and PBV test, production control, quality assurance, safety, AFPRO, and facility management, totaling approximately 55-60 people.

The building is divided into four functional areas—high bay, for all ordnance activity as well as external protection material (EPM) application and test; prototype and flight support equipment (FSE) labs, for engineering support and in-line testing; low bay, IRSS harness and wafer assembly and structural fabrication and assembly of PBV, shroud and IRSS wafer modules; and administration and support areas, including safety, production control, and quality assurance.

The facility will assemble and test all portions of the PBV, shroud and IRSS wafer except for the hydrazine tank and VCS unit, which will be fabricated and installed in the propulsion module at SSB and EPL. The units will then be shipped in a sealed unit back to DPF for final assembly. DPF will assemble and test the final stage for the Small ICBM. ■