

MARTIN MARIETTA

news

DENVER AEROSPACE

May 31, 1985

Number 11



Annual Awards Night

Annual Awards Night

Company honors engineers, authors, inventors . . .

Special recognition at Denver Aerospace's Annual Awards Night banquet on May 18 went to 227 employees for outstanding contributions.

Of those, eight were singled out for top honors. These included **Sam M. Dominick** of propulsion engineering, who was named author of the year for his paper on "Mixing Induced Condensation Inside Propellant Tanks."

Donald A. Thomas, engineering mechanics, was named inventor of the year for innovative material formulation and process development on spray application of insulation on the external tank.

Zach D. Kirkland, technical operations, was named principal investigator of the year for his research on low-g fluid behavior and control.

Douglas D. Hart, director of program development-civil, received a special business development award for leadership in the "Prevent ET Recompensation" effort, resulting in a sole-source contract for another 60 tanks.

Franklin L. Harn, operations, received a special quality achievement award for contributing to the quality and reliability of mission-critical hardware fabricated and tested in electronics manufacturing.

Louis L. Aldridge, space systems, was cited for outstanding technical accomplishment in achieving 100 percent mission success on three MMU repair missions, including the Solar Max repair and Palapa/Weststar recoveries, and was named engineer of the year.

J. Richard Cook was named manager of the year for excellence in leadership and management skills displayed in directing Martin Marietta and subcontractor resources on the GSSI program to establish Air Force Shuttle IOC by October 1985.

Jack D. Tidwell, estimators and pricing manager, earned the top operational award for dedication and direction to the cost volume of the Titan Centaur proposal team.

On the cover:

Back row, left to right, Caleb B. Hurtt, senior vice president of Corporate and Aerospace president, J. Richard Cook, Sam M. Dominick, Donald A. Thomas, Peter B. Teets, president, Denver Aerospace. Seated, left to right, Douglas D. Hart, Louis L. Aldridge, and Jack D. Tidwell.

Other categories and honorees include:

Publications:

Lyle E. Bergquist, Steven D. Chinn, Joseph F. Froechnigt, and Milton A. Hetrick; Gregg A. Crockett and Deborah A. Strange; Sam M. Dominick; Peter G. Huseman; Zack D. Kirkland and James R. Tegart; Robert L. Montgomery; Richard D. Moog; Frederick A. Morris and Cletus J. Siebert; J. Michael Murphy; Joseph A. Noble and Grady L. Romine; Stephen M. Pompea, Sidney L. Russak, and Donald F. Shepard; Grady L. Romine and Ali J. Senol; Paul A. Scheffer; Durwin A. Schmitt; and Richard W. Webb.

Inventors:

Eric E. Bachtell and Curtis E. Farrell; Lyle E. Bergquist; John D. Bradstreet, Keith D. Gremban, and David G. Morgenthaler; William C. Brown; Neil J. Butterfield; Benton C. Clark, III; Frank J. Despaigne; Keith D. Gremban and David G. Morgenthaler; John R. Lager; John R. Lager and William R. Llewellyn; William R. Llewellyn; Robert K. McMordie; Thomas A. Milligan; Mohan S. Misra; William O. Nobles; William D. Nygren, Jr.; Harold A. Papazian; Stephen M. Pompea and Donald F. Shepard; Dale C. Rudolph; L. Kevin Rudolph; John A. Shepic; Wayne E. Simon; Donald A. Thomas; Phineas S. Woods; and Raymond G. Ziehm.

New Technology:

Scot K. Anderson, Lyle E. Bareiss, Steven D. Chinn, and Frank J. Jarossy; Eric E. Bachtell, Shailesh S. Bettadapur, and John V. Coyner, Jr.; William J. Bailey, Dale A. Fester, John S. Marino, Susan W. Pawlowski, and Donald A. Stang; Benton C. Clark, III, and Michael G. Thornton; Steven L. Levine; John A. Shepic; and Patrick A. Thompson and Michael G. Thornton.

Independent Research and Development:

John E. Anderson, Richard F. Broderick, Lorne K. Desize, Richard G. Dutton, Robert H. Hardin, Robert N. Ingoldby, Eugene C. Kenyon, Zack D. Kirkland, Robert E. Matthew, and Robert B. Rice, Jr.

Technical Achievement:

Louis L. Aldridge, Juan H. Benjamin, Ernest E. Berliner, Mark R. Brunner, Dale E. Cochran, Daniel J. Courain, James L. Cox, Terence Coxall, David J. Cwynar, James A. DeGiovanni, Dwight L. Eckert, Judith K. Finley, Ka Lun Fogg, George A. Franklin, Lawrence W. Gagnon, Roger T. Giellis, Carol S. Giffen, Larry W. Glynn, John F. Haley, Jr., Brian J. Heider, Donald C. Herrick, Richard F. Hruda, Keith R. Huling, Fred A. Jaeger, Lee K. Janssen, Eugene Johnston, Carter A. Jones, Gary R. Knowles, David M. Landis, Terry A. Lasky, R. Gene Lewis, James W. Lowrie, Harold G. Maddera, Michael K. Mann, William M. Martin, Jr., James H. Masson, John W. McIntosh, Michael P. McKinney, Richard C. Miller, James F. Moehlenpah, Richard D. Moog, Davis R. Oliver, Jr., Lee E. Owens, Gary E. Paff, Donald D. Pike, Michael D. Pollard, William Poole, Bill R. Ratledge, William R. Shover, Alan W. Simonaitis, Winston Sparks, Janis L. Straley, Steven L. Straley, Arthur J. Throckmorton, Roger D. Tigner, Samuel S. Tucker, and William B. Wallenfels.

Operational Performance:

Allan V. Ardrey, Arthur L. Arndt, C. Griff Baily, Marshall W. Baldwin, Walter F. Barker, Alan C. Bill, Thomas J. Bosco, Jr., Susan M. Butler, Roger A. Chamberlain, Patricia A. Clark, Christine B. Cook, J. Richard Cook, Walter A. Cooper, Jack L. Crabtree, Robert M. Crouse, Donald C. Deckebach, II, Victor M. Del Valle, Ronald F. Drobnik, Gerald L. Dummer, John D. Eagen, Rick A. Facchinello, Kathryn M. Fisher, Kenneth W. Graham, Norman E. Greenwalt, James E. Greichen, Andrew J. Hall, Thomas R. Heaton, James H. Hensel, William L. Kaelber, Robert J. Keck, Jaryl K. Kerekes, John E. Kimpton, Robert L. Knickerbocker, Wayne J. Kolymago, Harry L. Kottcamp, B. Clovis Landry, Montie A. Lehman, Charles G. Leonard, Richard P. Micek, Sherman J. Montover, Louis A. Morine, Thomas W. Morris, William J. Murphy, Albert G. Nemes, Donald E. Olsen, Thomas F. Pettit, Phillip E. Plemmons, Roger L. Radcliffe, Alexis M. Ray, Ron R. Remy, Ernest B. Ress, Salvatore Rizzo, Kenneth A. Robak, Timothy Ronzio,

(Annual Awards Night, cont)

Arthur A. Rosener, Jr., John B. Sanderson, Wayne E. Sauve, Roger T. Schappell, Sherman R. Schrock, Maurice J. Serotta, Ronald D. Singley, H. Edwin Sparhawk, Joseph C. Spencer, C. William Spieth, Frank T. Spillane, Jr., John H. Stahlhut, Charles S. Stees, Vincent N. Stephenson, Herbert E. Stertz, Karl F. Sunderland, II, Joseph B. Tarlton, Thomas L.

Tedrow, Jack D. Tidwell, Douglas R. Tighe, H. Emerson Toney, Alicia Y. Trejo, Joseph M. Vellinga, William F. Villines, Ralph W. Walker, and Robert Weston, Jr.

Special recognition:

Leonard R. Kowalski, MD. ■

News briefs

Safety record at Canaveral Operations earns accolades

The men and women of Canaveral Operations, FL, recorded 2,036,490 employee hours without a lost time injury, and received both a National Safety Council merit award and commendations from Corporate headquarters on May 17 at a special ceremony.

First launch of Titan III C from Cape Canaveral commemorated

A commemorative program observing the 20th anniversary of the first launch of a Titan III C from Cape Canaveral AFS, FL, is scheduled for June 18, and will include all former Titan III C workers and those currently assigned to the program. Lt Gen Forrest McCartney, Commander, USAF Space Division, CA, is scheduled to be the keynote speaker.

Beery named vice president for Technical Operations

Warren G. Beery has been promoted to vice president, technical operations, effective May 24. Beery previously was director of Technical Operations for Space Launch Systems, and was named on May 2 to succeed Robert G. Morra as head of Technical Operations for Denver Aerospace.



Beery



Quality Circle presents increased productivity idea—The Second Shift Machine Shop Quality Circle recently demonstrated to management how the use of digital readout equipment on 16 machines in the detail machine shop can increase productivity by 18 percent—a cost savings of about \$53,000 a year. Circle members include, standing, left to right: Damon Oswald and Richard Melos. Seated: Mike Morrow, Alex Esparza and Jerry Vander Broek.

Corporate news

At a recent offsite meeting of the Corporation's top management, Bobby F. Leonard, vice president personnel, enunciated a commitment to Martin Marietta's human resources. That Commitment to People has been incorporated into formal policy and is stated "Our Commitment to People".

"Well-trained, highly motivated men and women are the key to Martin Marietta Corporation's continuing success.

People make Martin Marietta a productive and profitable organization that contributes to meeting society's needs while succeeding in the marketplace.

Martin Marietta has an essential commitment to its employees to provide a safe working environment, interesting and challenging work, fair compensation, and the opportunity to increase skills and knowledge, and to broaden capabilities and responsibilities for personal and career growth.

Employees will be encouraged to participate actively in developing the organization's environment, methods, and results. Two-way communication at all levels is essential for optimum job performance and a high quality of life at work.

Fulfillment of this commitment, which motivates a dedication to excellence, is a major responsibility for all members of management. Each manager must discuss with subordinates their job performance on a continuing basis to assure accomplishment of organization goals and individual career growth. When there is a gap between capability and job performance, the manager is responsible for assuring an appropriate course of action.

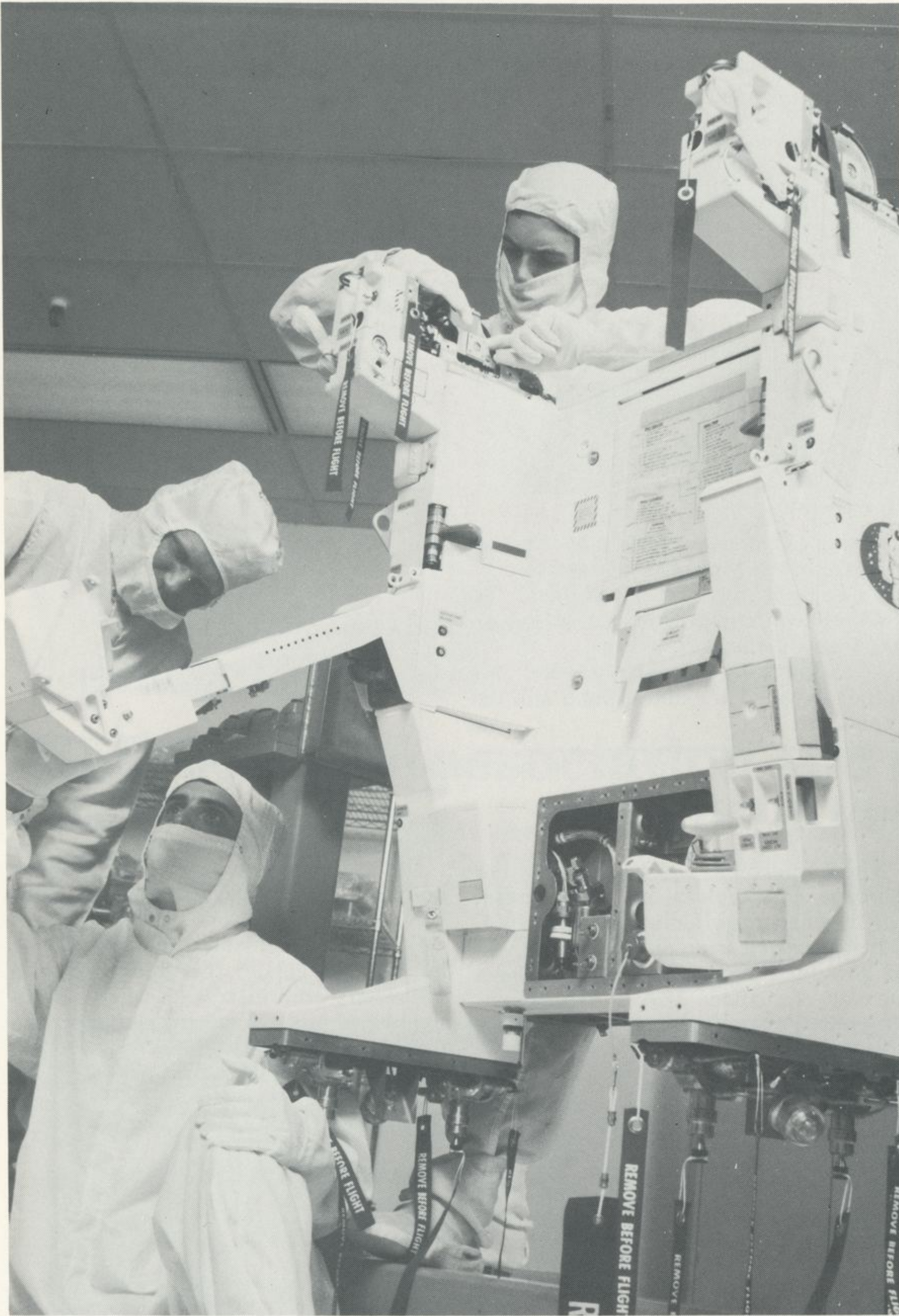
Corporate officers, company presidents, and their staffs are responsible for making certain that all members of management understand this commitment. Every employee is an essential and valuable contributor to the success of our business. ■

Littleton Systems receives annual Fire Safety Award

The Littleton Fire Department selected Littleton Systems Center (LSC) to receive the annual Fire Safety Award for cooperation with the fire department and for LSC's fire safety efforts. Lt Bud Hessel, fire protection officer, accepted the award on behalf of plant protection on May 21.

Wang Laboratories to host Technology Day

Wang Labs will display hardware valued at about \$1 million for Denver Aerospace employees on two days in June. The first two sessions on June 12 are by invitation only and begin at 8:30 a.m. and 1:00 p.m. All employees are invited to two general sessions on June 13 at 8:30 a.m. and 1:00 p.m. One of the principal demonstrations will involve Wang's concept of the universal work station, and methods of integrating with other major industry vendors.



Manned maneuvering unit (MMU) returns to Denver Aerospace—Back from flight, the MMU receives postflight inspection. Test engineering personnel include, front, seated, Craig Stein, crouching, left, Dave Shelton, and standing behind the MMU, Dennis Hildreth.

Food services adds nutritionist and new menu

The employee survey indicated a need for changes in food service. To help meet these requests, Rosanne Grover, RD, a registered dietitian, has been hired, and new menus will begin June 10 at cafeterias at the main plant.

Grover helped develop the "light line", which will feature low-fat, low-calorie entrees, to promote nutrition, health, and fitness. Grover will initiate

other nutrition services in the future consistent with the U.S. Senate Select Committee's Dietary Goals.

In addition, the new menu will offer an "international bar" with selections rotating weekly between Mexican, Italian, and German foods. Breakfast fare will include a fresh fruit bar, breakfast burrito, and other novelties. ■

Michoud Division wins quality circle award

The International Association of Quality Circles (IAQC) has presented its first Award of Excellence to the Michoud Division in New Orleans, LA.

The association plans to present an Award of Excellence annually to a company or organization that demonstrates a significant commitment to improving quality and productivity through a "quality circle" employee-involvement program. The IAQC is an association of more than 8000 quality circle professionals representing about 5000 companies.

About 1000 Martin Marietta employees at Michoud are active in 87 quality circle groups, which also are known as systems refinement teams. NASA recently selected Martin Marietta to help implement the quality circle process throughout the space agency. More than 100 quality circles already have been formed at 11 NASA locations.

Richard M. Davis, vice president and general manager of the Michoud Division, accepted the award at a recent IAQC conference in Los Angeles.

"Over the last four years," he told the group, "we have approved 452 systems refinement team projects resulting in improvements to our product, safety, work processes, and systems." ■

Denver Management Association schedules meeting

The Denver Management Association of Martin Marietta will feature Jake Jabs and his ideas on successful management on 5:30 p.m., June 11.

Reservations for the dinner and presentation can be made by calling Maryanne Hinds, 977-3261, or Jerre Bull, 790-3335. ■

MARTIN MARIETTA NEWS

Published by Public Relations

Editor: Jan P. Timmons

MARTIN MARIETTA AEROSPACE

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P.O. Box 179—Denver, CO 80201

May 31, 1985

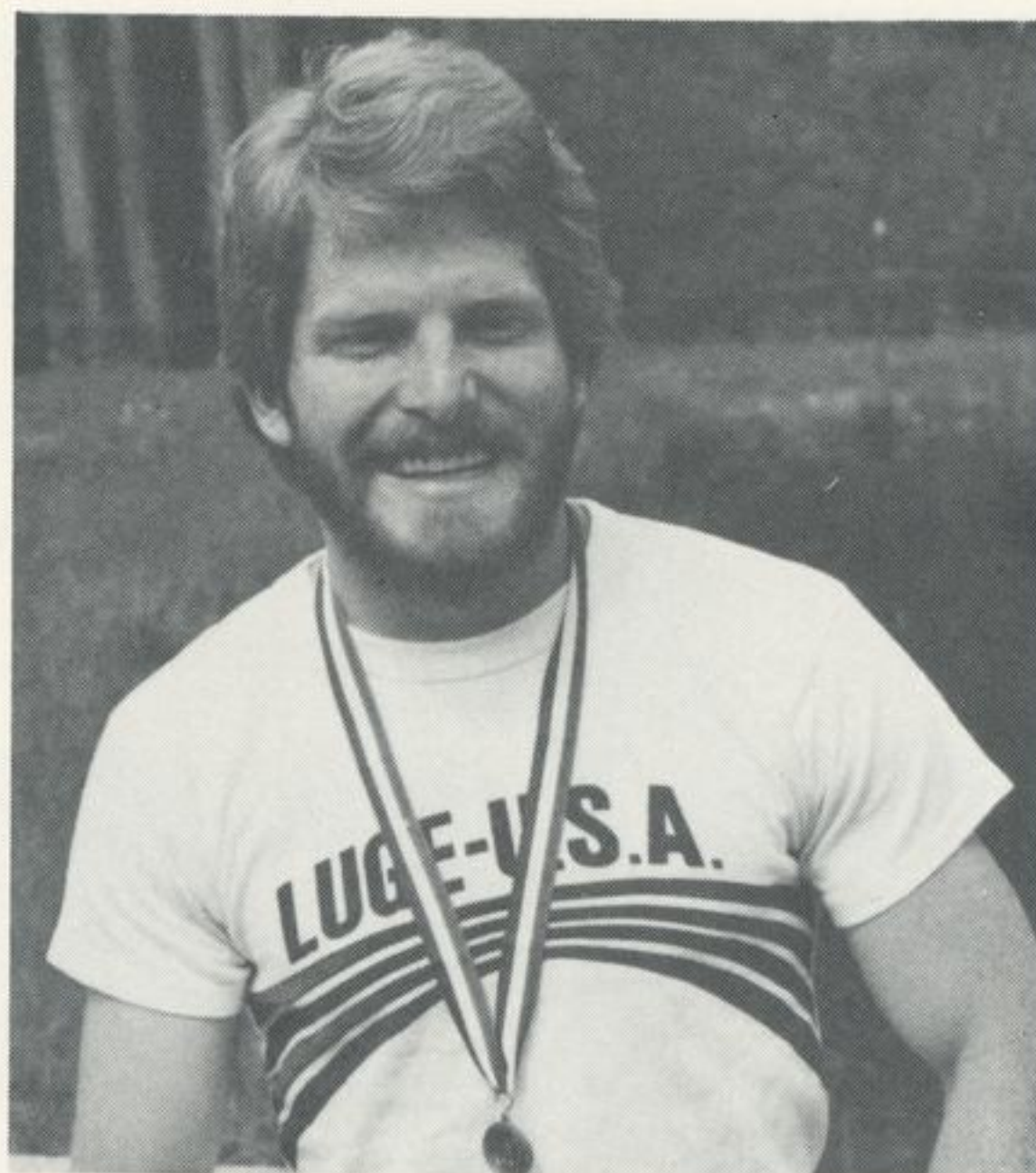
Employee's son aims for 1988 Winter Olympics

Littleton's Thor Ourada, 23, son of Clarence Rod Ourada, senior staff engineer on defense systems, caught the Olympic bug after watching the luge event at Sarajevo.

Of nearly 70 Winter Olympic athletes who reside in Colorado, Ourada is the only luger.

Ourada headed for Lake Placid, NY, site of the only official luge facility and began training on a wheeled sled last summer. At the close of training, he won a silver medal and was invited to return for winter training.

Ourada's quest is not without sacrifice. Until he makes the top "A" team, he pays all his training and travel



Thor Ourada

expenses, including a two-month training camp in Europe next winter.

"I've been living on bare bones," he said. "I work nights in the offseason and train all day."

"We know he'll stick with it," his father says. "He's determined and enthusiastic." ■

Benefits

On July 1, a new Special Accident Plan takes effect. The materials needed to enroll in the plan have been mailed to all hourly and salaried employees. Those with special accident coverage now must reenroll to continue the coverage. All coverage under the existing plan will terminate at midnight on June 30, 1985. Forms must be received in the benefits office, Eng Bldg, room 125, by June 25 for coverage to take effect July 1.

Fain voted outstanding faculty member

Douglas M. Fain, planning manager on the Venus Radar Mapper program, was named the outstanding faculty member for 1984-85 at the University of Phoenix, Colorado Division.

Determined by vote from the student body in the MBA degree program, Fain received the Directors' Award for Excellence, complementing another honor he received earlier this year from the university administration when he was appointed senior faculty member for the Colorado Division and a member of the university's senior staff. ■

Airline travel program to cut costs

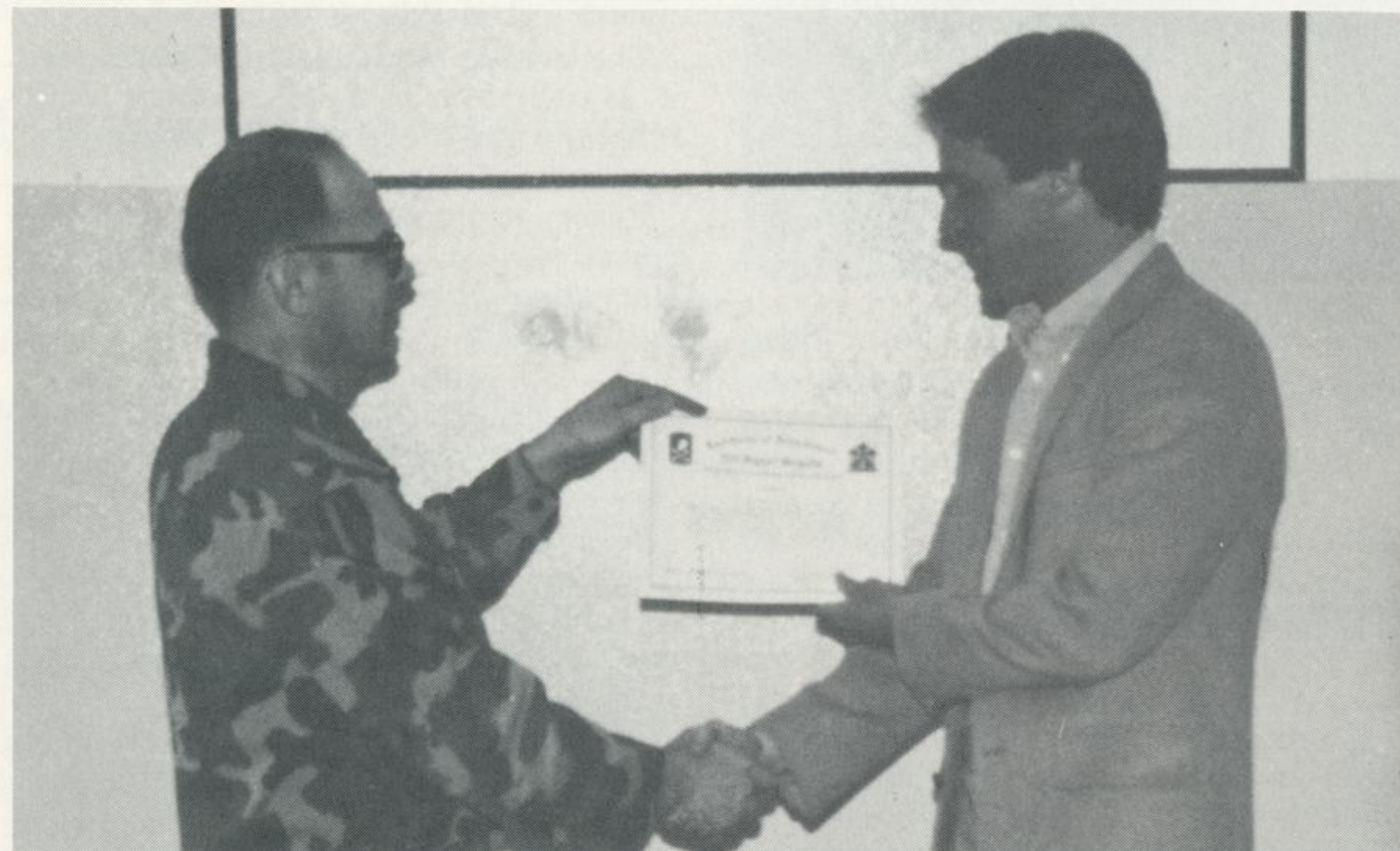
To maintain a strong competitive position in the aerospace industry, Denver Aerospace has entered into an agreement with Continental Airlines to purchase a block of tickets at 15 percent below the current price for travel between Denver and Los Angeles and also Denver and Ontario, CA.

These discount tickets for Denver Aerospace travelers on Continental Airlines become effective May 29, 1985. Further clarification of this change will be provided by the Martin Marietta Denver Aerospace travel department through fliers at cash cages and with each employee travel folder containing Continental tickets. ■

Credit union extends membership eligibility

Employees of Defense Contract Audit Agency (DCAA) working at Denver Aerospace and Martin Marietta Data Systems employees may now join Red Rocks Federal Credit Union.

For more information, contact the credit union, ext 7-6000, or visit the office in room 120, Eng Bldg. ■



ASMPS engineer commended— Heath N. Colcock, right, stationed in Germany on the Automated Staff Message Processing System (ASMPS), receives certificate of achievement from Lt Col Thomas Thoreaux. Colcock was cited for dedicated technical support of two message processors and expertise in diagnostics and repair. Martin Marietta built six ASMPS systems for the U.S. Army after company-funded design and development, and currently has a contract through 1987 for field support and post-deployment software support.

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Recreation/employee services

Blood drive—A record 309 employees participated in Belle Bonfils Blood Drive May 13-14 at the main plant, donating one pint of blood each during the two-day drive.

Other dates and locations of blood drives this year are July 10-11 at DSC for all employees in the Academy Park complex, August 29 at LSC, and November 4-5 at the main plant.

Donations by employees ensure that Bonfils will resupply a hospital with the amount of blood used by any employee or their immediate family members. All employees become eligible for this service whether or not they were able to donate blood.

Those in need of this service may contact Lori Sharp, blood

donor coordinator for Martin Marietta, at ext 7-6605.

Jackets—Three styles and many colors of lined and unlined jackets with Martin Marietta Denver Aerospace silkscreened in white on the front are now available. Order forms can be found in all recreation racks. Jackets will be shipped to the recreation department for pickup.

Lakeside—Free gate admission and reduced rates on rides become available to employees from June 6 through August 30, 1985 at Lakeside Amusement Park. Discount tickets are available May-Sept. for employees for stock car races at Lakeside. Check recreation racks for coupons or contact recreation office.

Walking tours—Special walking tours of Roxborough State Park can be scheduled on a reserved basis for the 1985 season. Reserve one week in advance for weekends or selected evenings through Chatfield State recreation area, 797-3986.

Hiking—Rocky Mountain Alpine Club plans backpack climb of Mt. Shavano and Tabogauch on June 1-2. Call Lee Fryberger, ext 7-3198.

The club's annual Spring bash is planned for June 8 in the mountains near Conifer. For a map and to sign up, call Steve, ext 7-4969, or Gordon, ext 1-8288.

A hike up Waterton Canyon is planned for June 15. Call John Farrell, ext 7-6352.

Retirees form association and hold meeting

More than 1000 retirees of Denver Aerospace and Data Systems reside in the Denver vicinity, and some 300 of these have formed a new retiree organization.

Named MARS, for the early days of Glenn L. Martin and the MARS flying

boat, as well as the Viking Spacecraft missions to the planet Mars, the group held a reception at the main plant on May 22. Peter B. Teets, Denver Aerospace president, welcomed the group and said the organization will be an asset to Martin Marietta.

For further information, contact Howard Carley, MARS vice president of communications, or Chuck Gunnison, MARS president, both at ext 7-0581. ■



New association members gather at reception.