

MARTIN MARIETTA

news

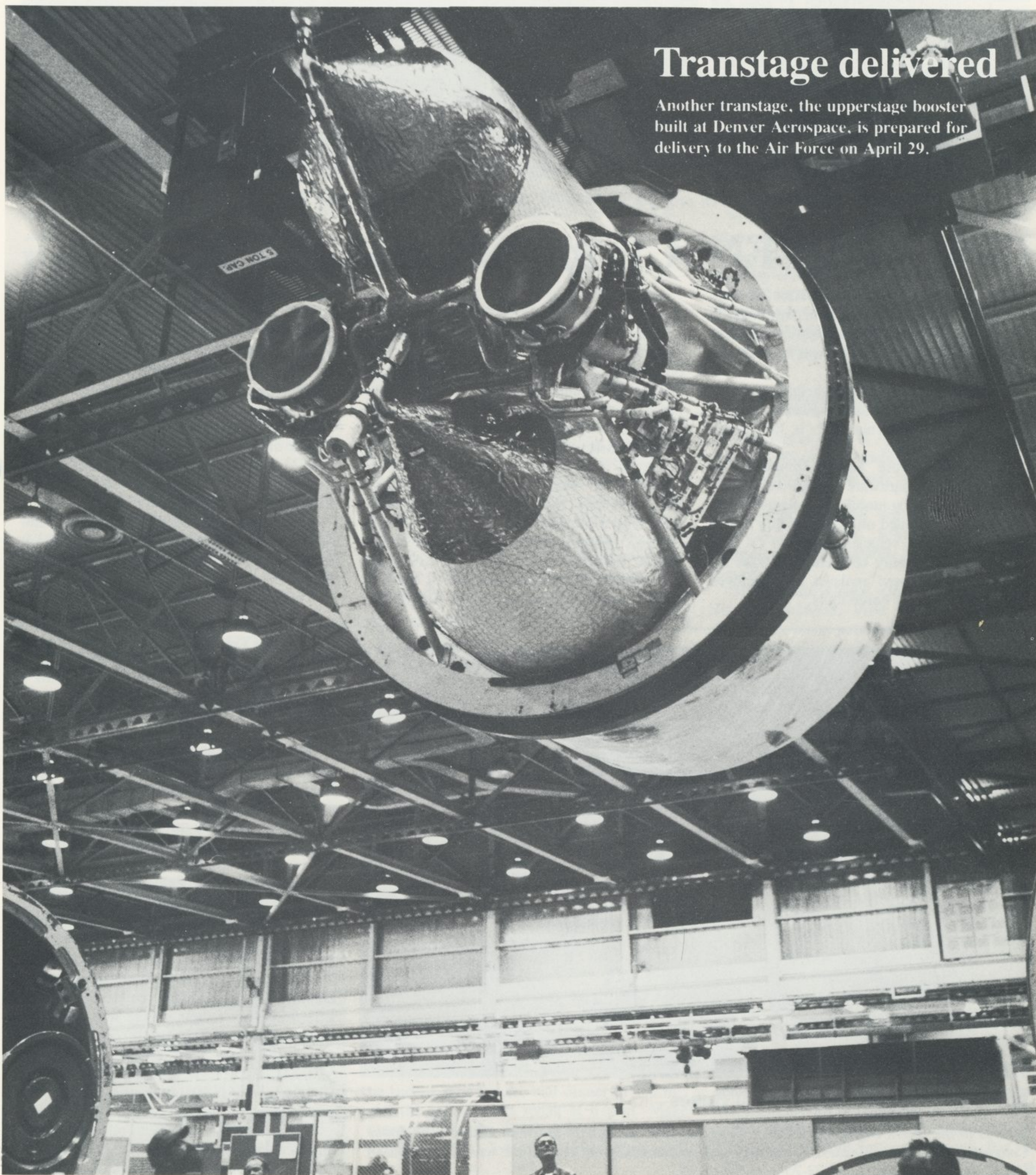
DENVER AEROSPACE

May 9, 1986

Number 9

Transtage delivered

Another transtage, the upperstage booster built at Denver Aerospace, is prepared for delivery to the Air Force on April 29.





More than 250 employees on the ASAS/ENSCE program surround the shelter after its rollout on April 29.

First ASAS/ENSCE module completed

The first ASAS/ENSCE Interface Module (AIM), part of the All-Source Analysis System/Enemy Situation Correlation Element (ASAS/ENSCE) program, was rolled out April 29.

The AIM is one of several shelter types that will be delivered to the Jet Propulsion Laboratory (JPL) in California. JPL is the implementing organization.

The shelters house various computer and communications hardware configurations and are transportable by mobilizers—flatbed truck trailers—or mounted on high-mobility multi-purpose-wheeled vehicles (HMMWV). The ASAS/ENSCE family of shelters will be assembled into tailored enclaves and deployed with Army and Air Force units.

ASAS/ENSCE is a joint Army/Air Force program for which Martin Marietta Information & Communications Systems (I&CS) functions as prime systems integrator. The program provides a multishelter, transportable system with capability for semiautomatic processing and analysis of sensitive compartmented information (SCI) and collateral data.

Rapid dissemination to support Air Force and Army commanders will provide timely intelligence of enemy dispositions, compositions, strengths and intentions, and provide them with a common view of the battlefield.

ASAS supports the integration and operation of many diverse intelligence collection and processing systems. As one of the five major functional areas under the Army com-

mand, control, and subordinate system architecture, ASAS is the intelligence/electronic warfare (IEW) automated control system and will perform all-source intelligence analysis and fusion in support of Army commanders at brigade, division, corps and echelons above corps.

ENSCE will provide the intelligence to support the direction of ongoing operations within each Air Force Tactical Air Control Center (TACC). It also will assist in planning additional tactical air operations.

Al R. Schallenmuller is program director for I&CS ASAS/ENSCE. Harry Kottcamp is deputy program director and technical director. ■



Space Congress draws international visitors

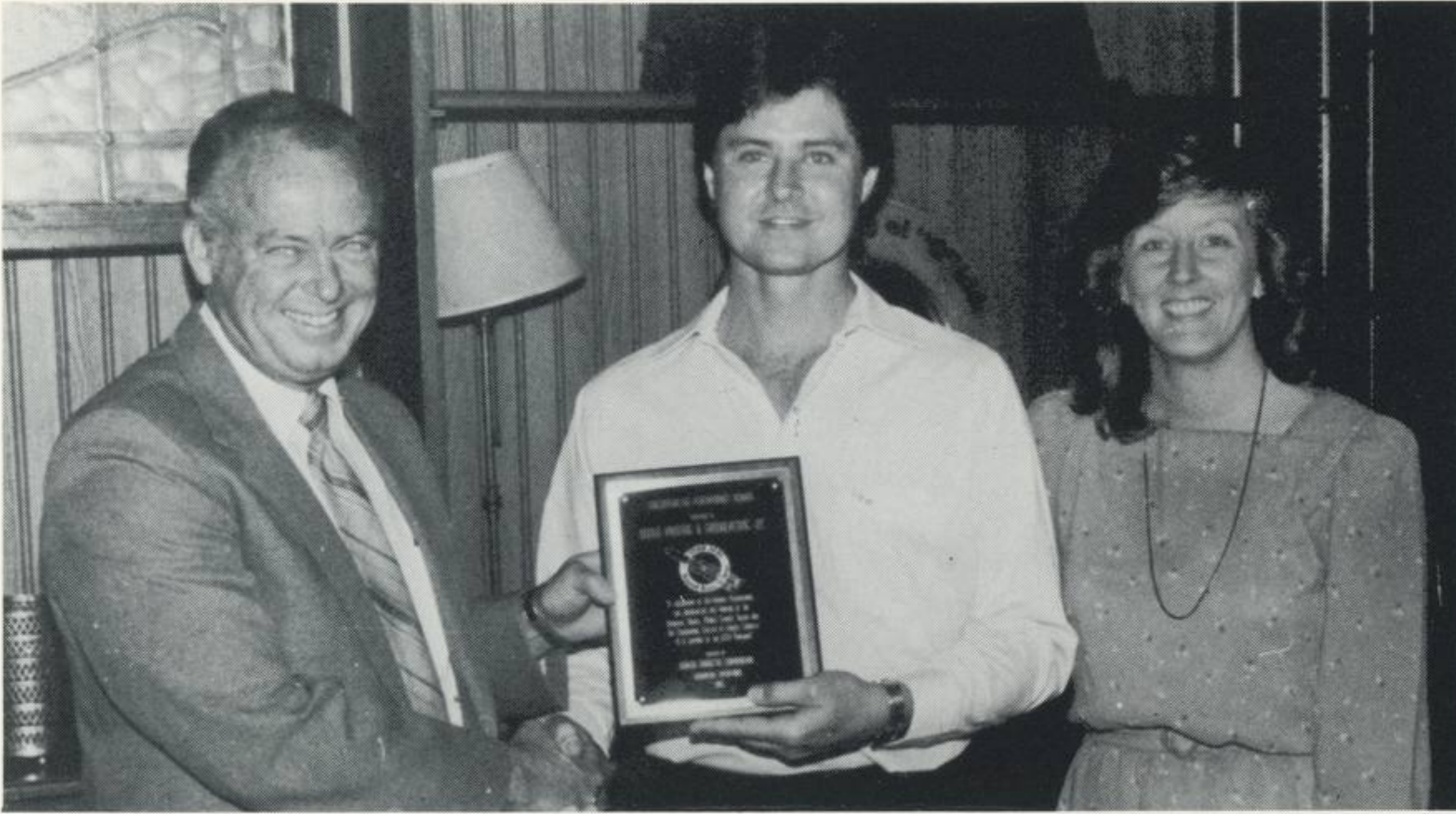
Visitors at the recent twenty-third Space Congress view the Martin Marietta exhibit. The Space Congress, which draws leaders in industry and government from around the world, was held in Cocoa Beach, Florida, April 22-25.

Special insurance available in May

Those employees who missed the reenrollment in the Special Accident Insurance Plan last year may enroll any time in May for coverage to become effective June 1. Changes in the amount of insurance can also be made.

The Special Accident Plan is supplemental life insurance coverage that provides benefits in case of death, dismemberment, or total disability because of an accident on or off the job. All active full-time employees are eligible to participate. Employees may select coverage from \$20,000 up to \$250,000, or up to \$500,000, if it does not exceed ten times the employee's annual salary. Employees may insure the lives of their spouse and dependent children by selecting family coverage. Employee insurance costs \$0.09 per week per \$10,000 of coverage. Coverage for employees and dependents is \$0.14 per week per \$10,000 of coverage.

For additional information, refer to the Special Accident Insurance booklet or contact the benefits office. ■



Edward L. Roberts, left, manager of the materiel department, and Cathy Dalton, small business administrator, both with Martin Marietta, present a plaque to Larry D. Watren, president of United Painting and Sandblasting, Inc.

Small business cited by company

Canaveral Operations recently awarded a special commendation to a small business company in Orlando for work at Complex 41 at the Cape Canaveral Air Force Station.

The firm, United Painting and Sandblasting, Inc, is composed of young workers who have worked part time or full time for the organization since they were 15-years old.

Headed by Larry D. Watren, president, the firm completed a project under subcontract to Martin Marietta, which is prime contractor to the Air Force on the complementary expendable launch vehicle. United Painting and Sandblasting, Inc, completed the project, despite weather restrictions and a rigid schedule, within the contract cost. This was the firm's first work on a government facility. ■

Corporate news

Corporation announces new positions

Robert E. Burnett has been appointed director of personnel management and employee relations for the corporation. He will be responsible for the combined functions of the two departments. J. Robert McAllister succeeds Burnett as vice president of personnel for Martin Marietta Energy Systems. Grey Moyer is transferring to Martin Marietta Data Systems as vice president of personnel, succeeding Bill Spangler, who will retire May 31.

Companies agree to joint development of circuits

Martin Marietta Corporation and Alpha Industries have announced their intent to form a joint venture to develop reliable and producible gallium arsenide integrated circuits for millimeter-wave radar applications.

Goal of the joint venture is the mass production of inexpensive analog devices for a wide variety of defense and space systems.

Gallium arsenide is a semiconductor material with electronic properties that allow it to operate at much higher frequencies than conventional silicon. Current technology can produce gallium arsenide circuitry that is five times faster than silicon, and the upper limits of the material are expected to approach speeds 10 times that of silicon.

First quarter earnings higher in 1986

The corporation had first quarter net earnings of \$46,202,000, or 84 cents per share, compared with \$27,753,000, or 47 cents per share, in the same period of 1985.

Earnings for the quarter included 10 cents per share from sale of a portion of Martin Marietta's equity position in a California biotechnology company, Chiron Corporation.

Chairman and chief executive Thomas G. Pownall said, "The improvement in first quarter operating earnings occurs as the corporation continues increased spending on new business development and is in line with our expectations that full year earnings will show a significant gain over 1985."

IUS work wins high award fee

Space Division recently announced an excellent rating for the Inertial Upper Stage Software Independent Verification and Validation (IIVV) contract with a 94.5 percent distribution to Martin Marietta from the award fee pool.

This is the fifth straight excellent rating since the procurement became an award fee contract. Since the Challenger accident, emphasis on the contract has shifted to verification and validation of a block update of the IUS software that is planned for the next IUS mission in 1987. Significant emphasis will also be maintained to enhance the efficiency of software analysis tools and further reduce the cost of software verification and validation.

Jim Nelson, director of STS Integration and Operations programs, commended the fine effort of the people on the IIVV program, and congratulated Ken Graham, manager of this program. ■

Workshops improve skills for planners

Denver Aerospace planners are participating in workshops designed to improve their abilities in essential planning skills.

Approximately 50 workshops are scheduled covering skills from activation planning through modular profile to work breakdown structure. Each subject will be covered in a 2-hour class led by planners. Workshop leaders will have attended videotaped classes conducted each month before they lead workshops.

"This project will benefit both the individual planners as well as Denver Aerospace," said Santo Bertuzzi, director of plans and programs.

"Our objective is to involve every Denver Aerospace planner in this program. Many will develop written procedures or present the workshops themselves; others will attend to develop career plans," he said.

The workshops began in mid-March and will continue indefinitely. Classes are conducted in four locations in the Denver area. ■

Rock climbers face hazards, snakes

With the advent of nice weather, some employees have begun climbing rock outcroppings at the Waterton facility. Safety and security personnel ask that employees refrain from climbing the rocks and use the footpaths instead. Rattlesnakes and other potential hazards pose risks to employees.



Chuck and June Cartee plan retirement

Couple works six combined decades

A husband and wife team who collectively have 60-years service with Martin Marietta plan to retire this summer from Canaveral Operations.

C. F. and June Cartee have worked at Canaveral Operations since 1959, when they transferred from what was then the Glenn L. Martin Company in White Sands, New Mexico operations.

Chuck Cartee, a tracking and flight safety engineer in test operations at Canaveral, has participated in more than 200 launches and seven programs during his three decades with the company.

June Cartee is an administrative secretary for quality product assurance and safety. She received her 30-year ring last December, the first woman at Canaveral to achieve that mark.

"It's been gratifying to feel we have been a part of history in the making, and we felt a sense of satisfaction at each milestone," she said. ■

Suggestion program shows increasing participation

The Success Through Suggestions program shows a growing rate of employee participation, said Carol Romero, the program's administrator.

"We've received 469 suggestions to date since the program began Nov. 1, 1985," Romero said.

The following employees have received recognition and awards for their suggestions to improve various situations:

Jeffrey C. Franz, badged to business operations but assigned to Defense Systems, suggested installing lights at the southeast and southwest corners of the Mechanical Engineering Facility (MEF) trailers.

With his suggestion, Franz hopes to prevent near misses by motorists who might not see pedestrians in the early morning and evening hours. Safety issued a request for job (RFJ) to resolve the lighting program, and a service request was also initiated to install pedestrian signs and to paint walkways from the Vertical Test Facility (VTF) and General Purpose Laboratory (GPL)—a high-traffic area.

Sally Olsen is an administrative secretary for technical operations. To improve the quality of work life, Olsen requested that facilities

provide a place to put paperwork in the women's lounges in the Engineering Building. An RFJ will start installation of coat racks, which have shelves for this purpose.

Bob Boetell, a facilities requirement administrator, suggested that a potential safety hazard exists at the intersection of Main Road and Space Park Drive at the Waterton facility. When a vehicle stops at at this intersection, vegetation blocks the view of oncoming traffic. Safety issued a service request to move the stop line approximately 18 feet south to correct the problem.

Ray Duszynski, a senior engineer for Defense Systems, suggested that a list of employee benefits and a contact person be published for employees at all locations. Employee benefits forms are kept in racks in various buildings. The benefits office will publish the list, and other pertinent employee benefits information, in the *Martin Marietta News*.

Badged to Strategic Systems, **Richard Tomaskovic** recommended improving all cafeteria coffee pots to avoid potential safety hazards caused by loose handles. Food and vending service will assure that this problem is corrected immediately.

Barber/styling hours set

Barber and hairstyling services for both men and women are available by appointment for salaried employees throughout Denver Aerospace.

Locations, hours, and telephone extensions for the various sites are as follows:

- Waterton, Engineering Bldg, south basement, Tues, Wed, 6:30 a.m.-2:30 p.m.; Thurs, 6-11:00 a.m., Ext. 7-3029.
- Denver Systems Center (DSC), basement, Wed, Thurs, Fri, 7 a.m.-5 p.m., Ext. 7-9157.
- Littleton Systems Center (LSC), Room 124B, Mon, 6 a.m.-2:30 p.m.; Fri, 6-10 a.m., Ext. 7-0560.
- Greenwood Commons Facility (GCF), Bldg 6050, Mon, Tues, 7 a.m.-5 p.m., Ext. 7-1321.

"While there have been 142 nonadopted suggestions, a majority of these fall into prior active consideration and duplication categories," Romero said.

All employees with a salary grade 50 and below are eligible to participate. Suggestions will be carefully evaluated by persons qualified to judge the merit of the idea and with the authority to implement it. When a suggestion is approved and adopted, a cash award is presented to the employee.

For more information, phone the suggestion office, Ext. 7-IDEA. ■



Engineers award courtesy membership to Albrecht

Stanley F. Albrecht, vice president of Production Operations, was recently awarded a courtesy membership in the Society of Logistics Engineers (SOLE). The courtesy membership was presented by Gene Howe, Denver mile-high chapter chairman. Albrecht was recognized by SOLE for his outstanding support of the logistics discipline and for promoting logistics as a profession. Attending the ceremony are, left to right, John Dwyer, director of Peacekeeper logistics, Albrecht, Gene Howe, chapter chairman, William Ratledge, Colorado state director of SOLE.

Ethics office to open in Denver

Martin Marietta Corporation will establish an ethics office in Denver Aerospace on May 21. It will be manned initially by Winant (Si) Sidle, corporate ethics director, who will be in Denver for 4-6 weeks.

The office is being established to help determine if the presence of an ethics office at a specific location has any significant bearing on how many ethical questions and concerns are received from employees at that location.

Sidle's permanent office is in Orlando and he will still be available through his normal telephone numbers at that location: 1-800-3ETHICS and MARCALL 356-9400. He may also be reached by mail either at his Denver office or at his regular postal address: P.O.

Box 16234, Orlando, FL, 32861.

The corporate ethics office was established to monitor corporate performance under the Martin Marietta Code of Ethics and Standards of Conduct, and to resolve concerns presented to the office by Martin Marietta employees.

The code calls on every employee to report any violation or apparent violation of the code. The corporation strongly encourages employees to work with their supervisors in making such reports but, in addition, provides to employees the right to report violations directly to the corporate ethics office. Anonymity is absolutely guaranteed. Sidle is also available to provide interpretations to the code when necessary.

Computer display set for June

Martin Marietta and Zenith Data Systems have entered into an agreement to benefit Martin Marietta employees wishing to purchase computers for personal use.

Zenith has consented to bring the following equipment, available under the employee purchase agreement, to certain company locations for examination: A-148 entry-level desktop, A-158 desktop, Z-171 lightweight portable LCD computer and Z-200 Advanced BC/AT, all

with appropriate monitors.

No reservations are necessary. Simply attend the presentations at one of the following locations: 9 a.m.-4 p.m. Tuesday, June 3, Denver Systems Center (DSC) I, Room 200A; 9 a.m.-4 p.m. Wednesday, June 4, Space Support Building (SSB) 6th floor presentation room; and 9 a.m.-2 p.m. Thursday, June 5, South Park West I presentation room.

PSP News

Unit Value March 1986	Annual rate of return (compared with March 1985)
Fund A: 3.6904858258	37.88%
Fund B: 2.3600434379	12.49%
Fund C: 4.4202889454	29.73%
TCESOP: 1.7341539029	29.52%

General to address SOLE

Guest speaker for the May 15 meeting of the Society of Logistics Engineers will be Lt. Gen. Leo Marquez, deputy chief of staff for logistics and engineering, Headquarters, United States Air Force.

General Marquez will speak at the Raffles Hotel, I-225 and Parker Road. Cocktails will be served at 6 p.m. and dinner at 7 p.m.; and the general will speak at 8 p.m. Make reservations at the Waterton facility by calling Ed Bailey, Ext. 7-4413; at West Point, call Gene Howe, Ext. 1-5073.

Volunteers needed for trail blazing

More than 100 volunteer workers are needed to construct a 4-mile hiking trail in the foothills of Roxborough Park. This is a cooperative effort of the Colorado Division of Parks, Volunteers for Outdoor Colorado, and the Roxborough Park Volunteer Naturalist Group.

The schedule is as follows:

- First project day—8:30 a.m.-4 p.m., Saturday, May 31;
- Second project day—8:30 a.m.-4 p.m., Saturday, June 7.

Expect both work and fun. Bring work clothes and shoes, gloves, hat, rain gear, water, and a sack lunch. Sign up for one or both days—before May 29. Guidance and tools plus moral support will be provided.

In addition, a free barbecue feast and foot-stomping bluegrass music will be provided for workers beginning at 4 p.m. following each workday near the project staging area.

To volunteer or get more information, call Roxborough State Park, Susie Trumble, senior ranger, 973-3959, or Paul Scheffer, volunteer naturalist, Ext. 7-3693 or 797-2238.

Retirees elected

Members of Mars & Associates, the Martin Marietta Denver Aerospace retirees' group, have elected officers and board members for 1986.

Directors for 1986 are Ralph Somerset, Louise McFadden, John Seidl, Chuck Gunnison, Joe Burghardt, Gene Darrow and Ned Koch.

Officers are Chuck Gunnison, president; Jim McKechnie, vice president; Ilene Goorman, vice president of membership; Dallas Clippinger, vice president of activity; Jack Wilson, records and history; Joe Burghardt, treasurer; and Mary Johnston, secretary.

College counselors to review courses

Interested in continuing your college education under company auspices? Counselors from area universities and colleges will be at Martin Marietta from 2-4 p.m. Wednesday, May 14, in the second floor cafeteria of the Engineering Building.

Denver Aerospace and Information and Communications Systems (I&CS) employees are invited to attend, including those presently in the program. If there are questions regarding eligibility, admissions requirements, curricula, and policies for undergraduate and graduate study, this is an opportunity to discuss and compare education programs. Counselors will have catalogs, schedules, and general literature for distribution.

For additional information contact Betty Hilton, Ext. 7-5698, or Sandra Bartko, Ext. 7-3736.

Recreation/employee services

Editor's note: Rules and regulations governing the use of the employee recreation area and facilities are for the benefit of all employees who use them. The recreation and employee services department asks that those who use the facilities take care of them by adhering to the following rules:

1. Each employee club, organization, or activity must submit a request to the recreation department to reserve the use of specific recreation buildings and facilities. This written request should be filed with the recreation department 10 days before the requested date. It must include the name of the club, organization or activity; the building or area desired; equipment needed; and the date and time of the activity. The request should be signed by the person in charge of the activity.

2. The use of all facilities or participation in activities is entirely at the risk of the users. Therefore, all individuals shall be responsible for damages or injuries resulting from their use of the facilities or engagement in activities.

3. The recreation department will maintain a master schedule to program properly the use of the recreation area by each group and to minimize scheduling conflicts.

4. The club, department or organization is responsible for maintaining strict control of the building, property and activity. The club, department or organization will assume liability for any damage to the recreation area, or theft of property from the area.

5. All buildings, recreation facilities and equipment used by a specific group must be left in good condition and all lights turned off.

6. Littering must be avoided. Trash containers are available.

7. The maximum speed limit within the area is 15 miles per hour. Pedestrians have the right of way at all times. Cars must keep to designated roads and parking areas.

8. Campfires are prohibited. Barbecue pits are available in the picnic area.

9. All users should be aware of the danger of rattlesnakes; do not climb in the nearby foothills.

10. Emergency first aid and ambulance service is available to employees while using the facilities. Call plant protection, Ext. 7-4646. Plant telephones are available outside the shower restroom facility and also on the storage building across from the clubhouse.

11. Firearms are not allowed within the park. Report violations to plant protection.

12. Users should report any rule violation to the recreation department, Ext. 7-6750, or plant protection, Ext. 7-4646.

13. Recreation facilities are provided for the use and enjoyment of employees and their families. Thus, it is necessary to ensure that each individual uses the facility in a proper and safe manner during various employee-family recreation activities.

14. Recreation area operating hours, unless prior arrangements have been made, are:

- Schedule A—May 1-Sept. 30: 7 a.m.-10 p.m.—weekdays; 7 a.m.-6:00 p.m.—weekends.
- Schedule B—Oct 1-April 30: 7 a.m.-9 p.m.—weekdays; 7 a.m.-6 p.m.—weekends.

15. All parties are responsible for cleanup and policing the picnic and recreation area at the conclusion of the function.

PLEASE NOTE:

- Trash containers are available for use. Do not use barbecue pits for trash.
- Possession and/or consumption of liquor or illegal drugs in the recreation area is prohibited.
- Glass bottles or containers are not allowed in the recreation area. In addition, no cups or cans will be allowed in the field of play, the playable areas around the dugout area, or the coaches box.
- Pets are not allowed in the recreation area.
- Use of the recreation facility is a privilege provided by the company. Please do not jeopardize this privilege.

Bowling—Martin Marietta's Corporate Games Qualifying Bowling Tournament will be held at 1:30 p.m., Sunday, May 18, at the Green Mountain Bowling Center. The tournament is open to all Denver Aerospace, Data Systems, I&CS, and Air Force personnel, their dependent family members and spouses. Qualifiers for the Denver Corporate Games on June 7th must be the two top scoring males and females and the individual with the next highest scratch score who are Denver Aerospace, I&CS, or Data Systems employees only. All entry forms, along with the \$5 entry fee, must be received by the recreation office, Mail Stop 1344, no later than noon, May 12.

Tennis—The 1986 Spring/Summer Tennis Tournery will begin in early June. The tournament format will be round robin for players of all levels. Entry forms can be found in the recreation racks and must be mailed to recreation, Mail Stop 1344, by May 16.

Hunting—Hunter education classes will be held at DSC I (Wadsworth Bldg) from 7-9:30 p.m. on May 13-16 and 19, and from 8 a.m.-12:30 p.m. at Skyline Hunting and Fishing Club Range on May 17. Students must attend all six classes. The cost is \$7. No preregistration is necessary, but there must be a minimum of 10 students. Please note that this course is now required for all trappers. For further information, contact Dick Benson, Ext. 7-5241, or 985-3728, or the recreation office, Ext. 7-6605 or 7-6750.

Golf—Martin Marietta's Partner Best Ball Tournament will be held on Saturday, May 31, at Riverdale Golf Course in Adams County. Shotgun start times are 7 a.m. and 12:30 p.m. Martin Marietta, I&CS, Data Systems, Air Force employees and retirees are eligible. The \$30 fee due at registration includes green fees, cart, lunch and door prize drawing. Entry forms can be found in the recreation racks, and must be mailed to recreation, Mail Stop 1344, by May 16.

Archery—The Red Rock Bowmen will meet at 4:45 p.m. Tuesday, May 13, in the recreation club room.

Corporate Games—Women are needed for participation in the Denver Corporate Games on June 7. Women sprinters are needed for track events. Contact Stratty Cunningham, Ext. 7-2144. One additional female, age 35 or over, is needed to complete the swimming team. Contact Terry Heggy, Ext. 1-6206.

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