

MARTIN MARIETTA

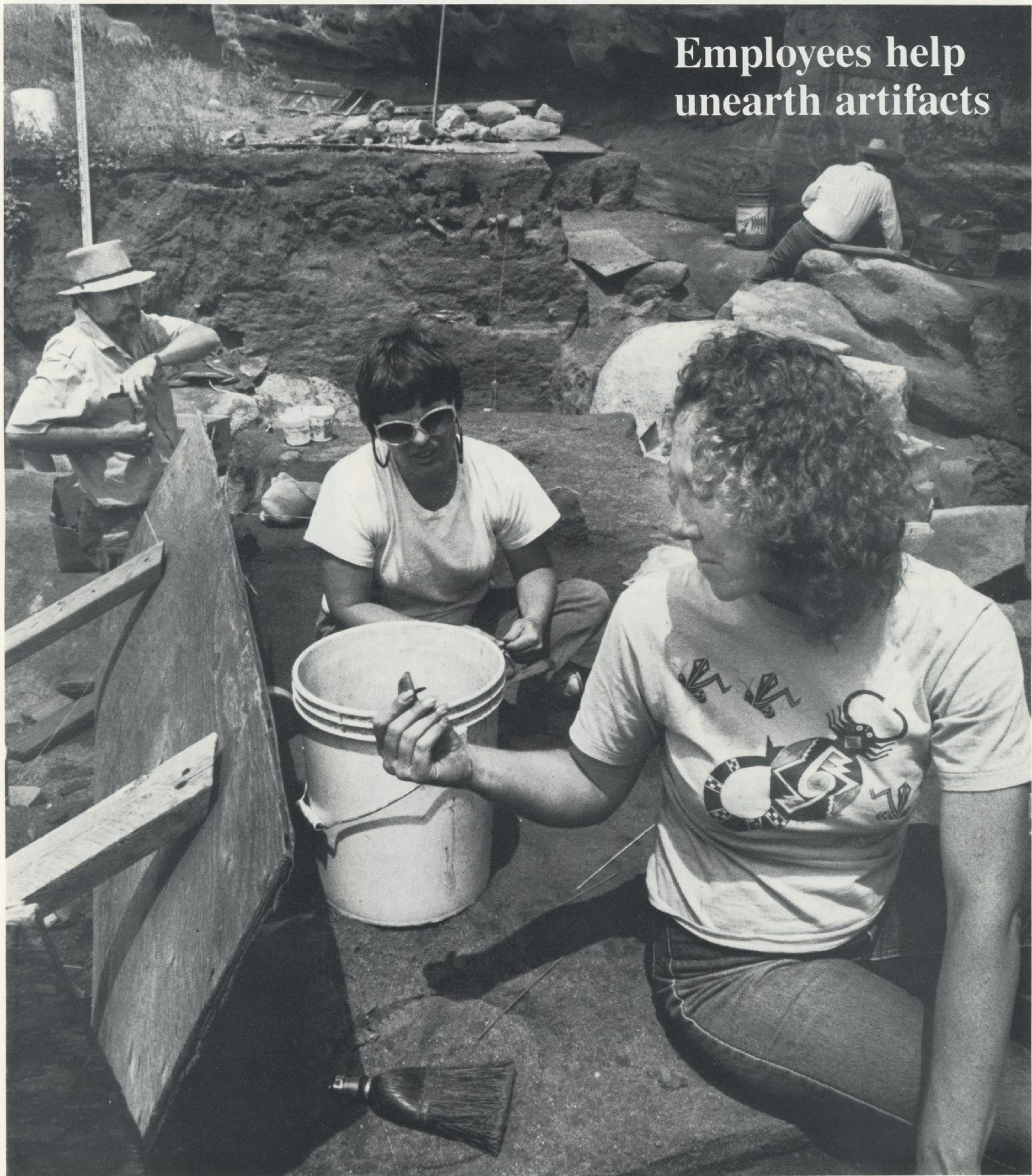
news

ASTRONAUTICS GROUP

July 1, 1988

Number 13

Employees help  
unearth artifacts





**Martin Marietta gives \$120,000 corporate gift to Mile High United Way to kick off 1988 employee campaign**

*Peter B. Teets, president of Martin Marietta Astronautics Group and general campaign vice chairman of the 1988 Mile High United Way campaign (left), and Jim Sterhardt, president of Strategic Systems (middle), recently presented a check for \$120,000 to United Way. Accepting the gift on behalf of United Way are (left to right) Tom Waters, vice president—campaign director; Rolland Hoffman, president; and Chuck MacLeod, associate campaign director. Martin Marietta's employee campaign begins July 18.*

**Martin Marietta and McDonnell Douglas form team to bid ALS**

Martin Marietta has teamed with McDonnell Douglas Corporation to bid for the next phase of the Advanced Launch System (ALS) program for the U.S. Air Force.

The ALS program, considered a national initiative to develop the next generation of space launch capability, will provide a launch vehicle system for the late 1990s and beyond. The program requires a new system be developed that can place payloads weighing up to 160,000 pounds into low-Earth orbit at significantly reduced cost per pound of payload.

"Together, Martin Marietta and McDonnell Douglas have the technological expertise, the productive capability, and the experience to design and build a heavy-lift launch system that will meet the nation's needs well into the 21st century," said Warren Beery, vice presi-

dent of Martin Marietta's Advanced Launch System.

Beery noted that between them, the two companies have been responsible for three-quarters of all expendable launch vehicle flights in the United States.

Last July, Martin Marietta was one of seven contractors awarded \$5 million contracts for ALS phase one concept studies. For phase two, scheduled to be awarded in August, Martin Marietta would be responsible for program management and systems engineering, as well as ensuring that the industrial capability and capacity exists to meet cost and schedule requirements. McDonnell Douglas responsibilities would include definition and design of the booster and payload fairing, and preparing operations plans for the system. ■

**Information Systems Group streamlines two operations**

To remove a layer of management and enhance communication effectiveness, Martin Marietta Information Systems Group has streamlined reporting channels for two of its key operating divisions.

Effective today, Brian N. Etheridge, vice president of Martin Marietta's Air Traffic Control division, and Gerald A. Zionick, vice president of the National Test Bed division, will report directly to Dan A. Peterson, Corporate senior vice president and president of the Information Systems Group.

The Air Traffic Control division, located in Washington, D.C., is the systems engineering

and integration contractor for the Federal Aviation Administration's modernized air traffic control system. The National Test Bed division is the prime contractor for the Strategic Defense Initiative National Test Bed, located at Falcon Air Force Base in Colorado Springs.

This new reporting structure places focus on these major government programs while carrying forward a corporate-wide program of enhancing lines of communication.

The Information Systems Group is also composed of the Corporation's Data Systems and Information & Communications Systems companies. ■

**Peacekeeper IFSS contract extended**

The Air Force Ballistic Missile Office has exercised a \$55 million option for Martin Marietta's Peacekeeper program to produce a total of 108 Instrumentation and Flight Safety System (IFSS) "shipsets" through 1992.

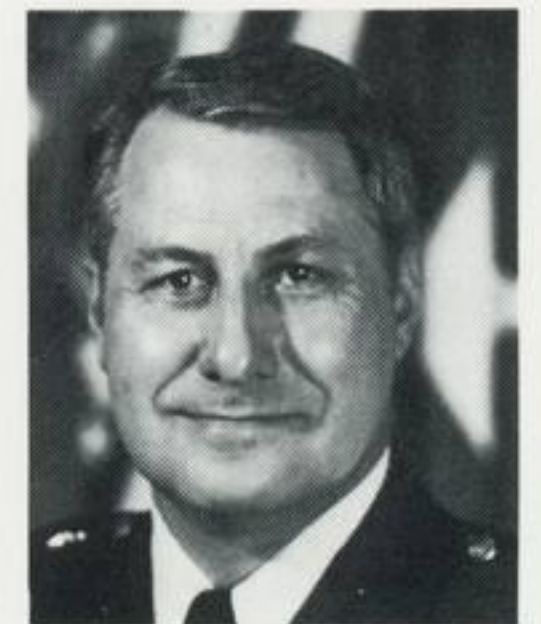
The IFSS hardware is the instrumentation equipment that provides flight data for missile testing. The IFSS shipsets will be delivered to the Air Force for the Peacekeeper follow-on test and evaluation (FOT&E) program.

The shipsets are being built at Martin Marietta's Denver Astronautics and the Manned Space Systems facilities at a production rate of two per month before being sent to Vandenberg Air Force Base for the FOT&E program. The current contract runs through 1992.

Martin Marietta built, tested, and installed the first 17 Peacekeeper IFSS sets and is currently doing the same for flight test missiles 18 through 20. The company also plans to assist in the installation and test of the hardware during the Air Force FOT&E effort at Vandenberg. ■



Casey



Cromer

**Casey retires; Cromer assigned to command Air Force Space Division**

Lt. Gen. Donald L. Cromer replaced Lt. Gen. Aloysius G. Casey as commander of the Space Division, Air Force Systems Command, in Los Angeles.

Casey has been commander of the division since 1986. The commander is responsible for managing the research, design, development, and acquisition of space launch, command and control, and satellite systems.

Both generals have earned several military decorations and awards including the Distinguished Service Medal and the Legion of Merit.

Cromer, who was promoted from major general upon taking his new position, was previously the commander of the Space and Missile Test Organization at Vandenberg Air Force Base. He was replaced by Brig. Gen. Thomas D. Honeywill, who was director of program management and technology, Office of the Assistant Secretary of the Air Force for Acquisition, in Washington, D.C. ■

# Self-governance is key to more effective management

The message is clear from the Department of Defense (DOD). Government contractors must move toward improved and more effective management.

Self-governance is key to maintaining the highly ethical business standards characteristic of Martin Marietta Corporation.

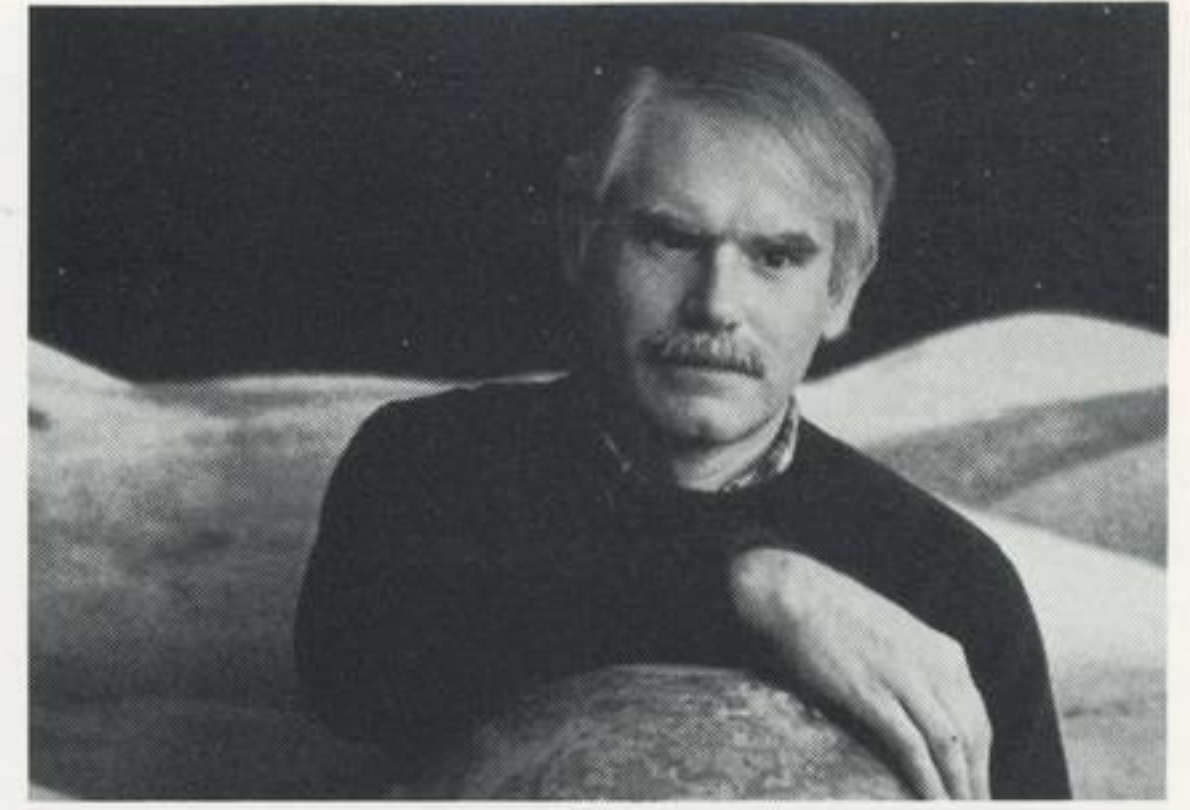
"To ensure that employees recognize the meaning of self-governance, they must understand that it is more than just audit, it's management using audit," said Tom Hall, manager of Internal Audit. "And it's emplacing mechanisms that encourage and ensure that employees follow written procedures while at the same time rewarding those who report problems or suggest improvements."

Self-governance is the control, regulation, oversight, and management of a contractor's

operations by any and all means available and necessary. "The DOD is encouraging contractors to improve management so it can do less management of and for the contractor," said Hall.

All management must actively strive to participate in the design and implementation of internal control to satisfy contractual/company requirements, to detect variances from acceptable practice and unethical behavior, and to ensure mission success. These practices will expose potential system weaknesses and noncompliance.

"Astronautics has the capability for an effective program," said Hall. "We need to continue aligning our focus on strong corrective action and insist that our self-auditors function objectively and report candidly." ■



Dr. Jim Head, professor of geological sciences at Brown University, recently spoke to Astronautics management on the importance of the upcoming Magellan spacecraft that will map the surface of Venus.

## Head speaks on Venus mystery

While Venus is Earth's closest planetary neighbor, it is still much of a mystery, its secrets hidden beneath thick, poisonous clouds. NASA's Magellan spacecraft, built by Martin Marietta Space Systems and scheduled for launch in April 1989, will help solve this planetary puzzle.

"Magellan will provide science data unparalleled by any previous planetary space mission," said Dr. Jim Head, professor of geological sciences at Brown University, who recently spoke at an Astronautics Group large staff meeting. "It is the main link in understanding the dynamics of our inner solar system."

Scientists know that Venus is similar to Earth in terms of age, size, and relative position to the sun. But why did Earth turn cool and green, spawning life, while Venus turned into a barren planet with a poisonous atmosphere and temperatures hot enough to melt lead?

Magellan will be equipped with a special radar to see through the clouds, giving scientists the most detailed map of the planet ever made. Past probes have visited and landed on Venus, but Magellan will map 90 percent of the planet's surface, revealing clues about its geology and origin.

Earlier Venusian probes from the U.S. and U.S.S.R. suggest a surface that is incredibly complex, Head said, with evidence of highlands and lowlands, volcanic activity, and plate tectonics. But the resolution of these images is about 100 kilometers—able to distinguish features 60 miles apart. Magellan, however, will contain a synthetic aperture radar able to distinguish features only one kilometer apart, telling scientists whether these geologic features are indeed similar to Earth. "We want to find out how and why these highlands were formed," said Head. "Are they like the continents on Earth? Or were they caused by thermal forces?"

Magellan also will help answer critical questions about the age of the planet's surface, how heat is transferred from the planet's interior to its surface, and whether size is the dominant factor in Venus' evolution. ■



### Holub honored at Headquarters for outstanding contract management

Carl Holub (left), contract administrator for Space Launch Systems, was honored by Norman Augustine (right), Martin Marietta chairman and chief executive officer, for outstanding performance in negotiating and managing contracts in the national interest during National Contract Managers' Week in May.

## Company evaluating Taguchi methodology

More than 160 employees from all levels of Martin Marietta's business, engineering, scientific, and AFPRO communities recently attended an executive overview and summary of Japanese Taguchi quality methodologies sponsored by the American Supplier Institute (ASI).

Classified as a mathematical tool that uses "what's best" techniques, Taguchi methods were developed by Genichi Taguchi in the 1950s. His techniques for "robust design" have proven successful in elevating manufacturing and product design quality in Japan and around the world. Taguchi is a four-time winner of the Deming Prize awarded by the Japanese Union of Scientists and Engineers.

The overview, hosted by John Murphy, vice president of Product Excellence, featured success stories from the automotive industry and

potential aerospace applications.

"We, as a company, have realized that we must modify the way we do business," said Murphy. "These (Taguchi) methodologies are tools that can lead us to new levels of customer satisfaction and product effectiveness."

"Our Air Force customer is now requiring us to look at these types of methodologies through its Reliability & Maintainability 2000 initiative. This customer initiative will drive quality and effectiveness that will lead to improved and sustained operational performance of the products and services we provide," Murphy added.

Ken Shipe, director of Process Simplification, is heading up the Taguchi methods evaluation team that will perform further investigation of this methodology. ■

# Educational resources now available for planning and cost management

The Planning and Cost Management department has issued a Training Resources Guide that provides educational resources for basic planning skills. Included in the guide are extensive lists of professional, computer, and self-developmental education and training materials.

In addition to printed resources, the department offers video tapes for program planning

classes that complement the Practices Manual, which details procedures for performing program planning tasks.

Video tapes are available in 1/2-in. VHS or 3/4-in. U-matic formats. Employees may view the tapes at home or check out equipment from Planning and Cost Management.

For more information on these training resources, contact Betty Holmes at Ext. 7-5684.

## Smart taxpayers urged to review W-4 status

With changes in 1988 tax laws, it is important for all employees to keep their W-4 forms up to date.

The W-4, "Employee Withholding Allowance Certificate," is a document employees must complete for their employer, specifying the number of withholding allowances used to determine the amount of income tax to be withheld from their paychecks.

The first important 1988 legal change occurred in the top tax bracket, which dropped from 38.5 percent for 1987 to 28 percent for 1988. Those taxpayers who were in a higher percentage bracket during 1987 may be having too much tax withheld for 1988, and may want to reduce their withholding allowances. Yet those who owed tax when they filed their return last year may need to increase their allowances or wind up paying more taxes again in 1988.

A second major change is the increase in the lowest tax bracket to 15 percent, up from eleven percent in 1987. Those taxpayers who

find themselves in this bracket may need to increase their withholding allowances above what they claimed last year.

Another change is the decreasing benefit of personal interest (i.e., credit card) deductions. For 1988, deductions of this kind cannot exceed 40 percent of the total interest expense. The withholding amount on Form W-4 may need to be boosted for those employees with a great deal of consumer interest.

Amounts of tax being withheld during the year, plus any estimated tax payments made, must be at least 90 percent of the total tax liability or a penalty will be imposed. However, as in previous years, taxpayers will be safe if their withholding or estimated payments are equal to last year's tax liability, even if that amount falls short of the 90 percent threshold.

For more information regarding W-4 status, the Internal Revenue Service Publication 919, "Is My Withholding Correct?," is available free of charge by calling the IRS at 1-800-424-3676. ■

## Employees urged to write Congress

It's election year again, and many issues face the country in the areas of national defense, economics, space policy, social welfare, etc. Employees are encouraged to write to the U.S. Congress on issues that concern them.

### U.S. Senate:

- William L. Armstrong (R)  
528 Hart Senate Office Bldg.  
Washington D.C. 20510 (202) 224-5941
- Timothy E. Wirth (D)  
237 Russell Senate Office Bldg.  
Washington D.C. 20510 (202) 224-5852

### U.S. Representatives:

- Hank Brown (R-4th District)  
1510 Longworth House Office Bldg.  
Washington D.C. 20515 (202) 225-4676
- Joel Hefley (R-5th District)  
508 Cannon House Office Bldg.  
Washington D.C. 20515 (202) 225-4422
- Dan Schaeffer (R-6th District)  
1317 Longworth House Office Bldg.  
Washington D.C. 20515 (202) 225-7882

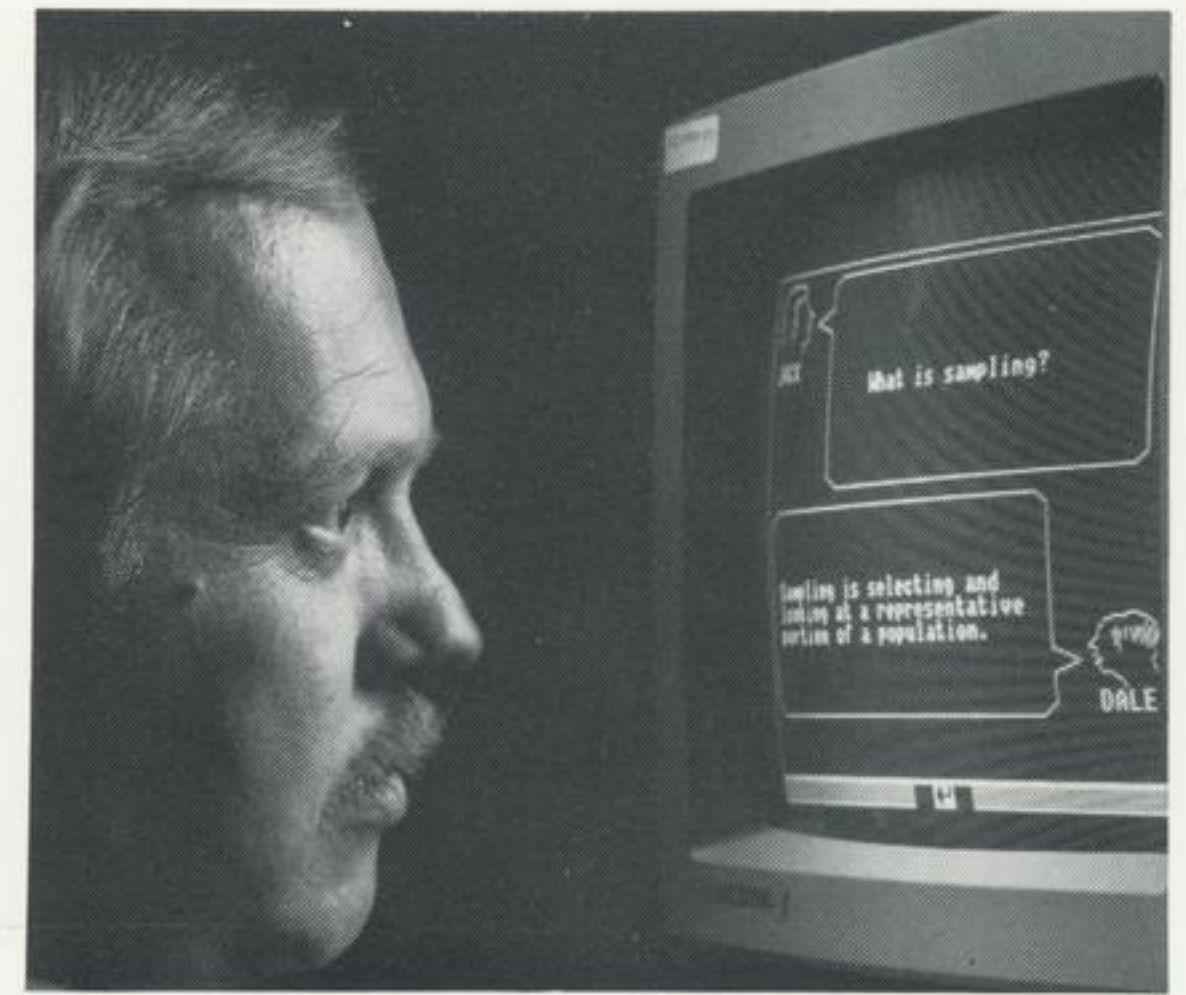
- Patricia Schroeder (D-1st District)  
2410 Rayburn House Office Bldg.  
Washington D.C. 20515 (202) 225-4431
- David Skaggs (D-2nd District)  
Longworth House Office Bldg., No. 1723  
Washington D.C. 20515 (202) 225-2161

## Big Band night set

Employees are encouraged to bring families, friends, picnic baskets, and blankets to a free Martin Marietta-sponsored concert featuring the Denver Municipal Band (DMB) at 7:30 p.m., July 10 in Washington Park (South Franklin Street at East Kentucky Avenue).

"Big Band Night" is the theme of the concert put on by the DMB Jazz Ensemble in a 20-minute segment, along with other selections from the big bands of the 1940s-60s.

The concert also includes a flute solo by Pam Endsley, principal flutist of the Denver Symphony, and a soprano solo by Mary Jo Weiker.



Gerry Frasl, chief of Computer-Based Training, participates in an interactive CBT course at the Learning Center located in the Deer Creek Facility.

## Electronic instructors give technical training

To improve understanding of advanced technologies, the company is turning to Computer-Based Training (CBT).

CBT is a modern technique for self-paced course work and skills training. "Proven successful for a variety of companies and industries, CBT provides the educational capabilities necessary for Astronautics' employees to attain and remain at peak performance," said John Dwyer, director of Technology Training for Product Excellence.

The Technology Training department has established a CBT learning center at the Deer Creek Facility. Currently equipped with six personal computers and software, the facility will ultimately be available for use by all employees.

Dwyer believes CBT is here to stay. "In five years, 50 percent of all Martin Marietta training will be administered via CBT," Dwyer predicted. "The Corporation, as a whole, is committed to making these advances and we are working to make them happen."

One course currently available is Statistical Methods for Improving Performance. This class is designed for mentors and coaches in Process Simplification. Students are scheduled by invitation.

Dwyer's group is now pursuing the purchase of "off-the-shelf" CBT training courseware for MRP II, CAE/CAD/CAM, Process Simplification, and other technical areas. Courses scheduled for the near future include UNIX and Geometric Tolerancing.

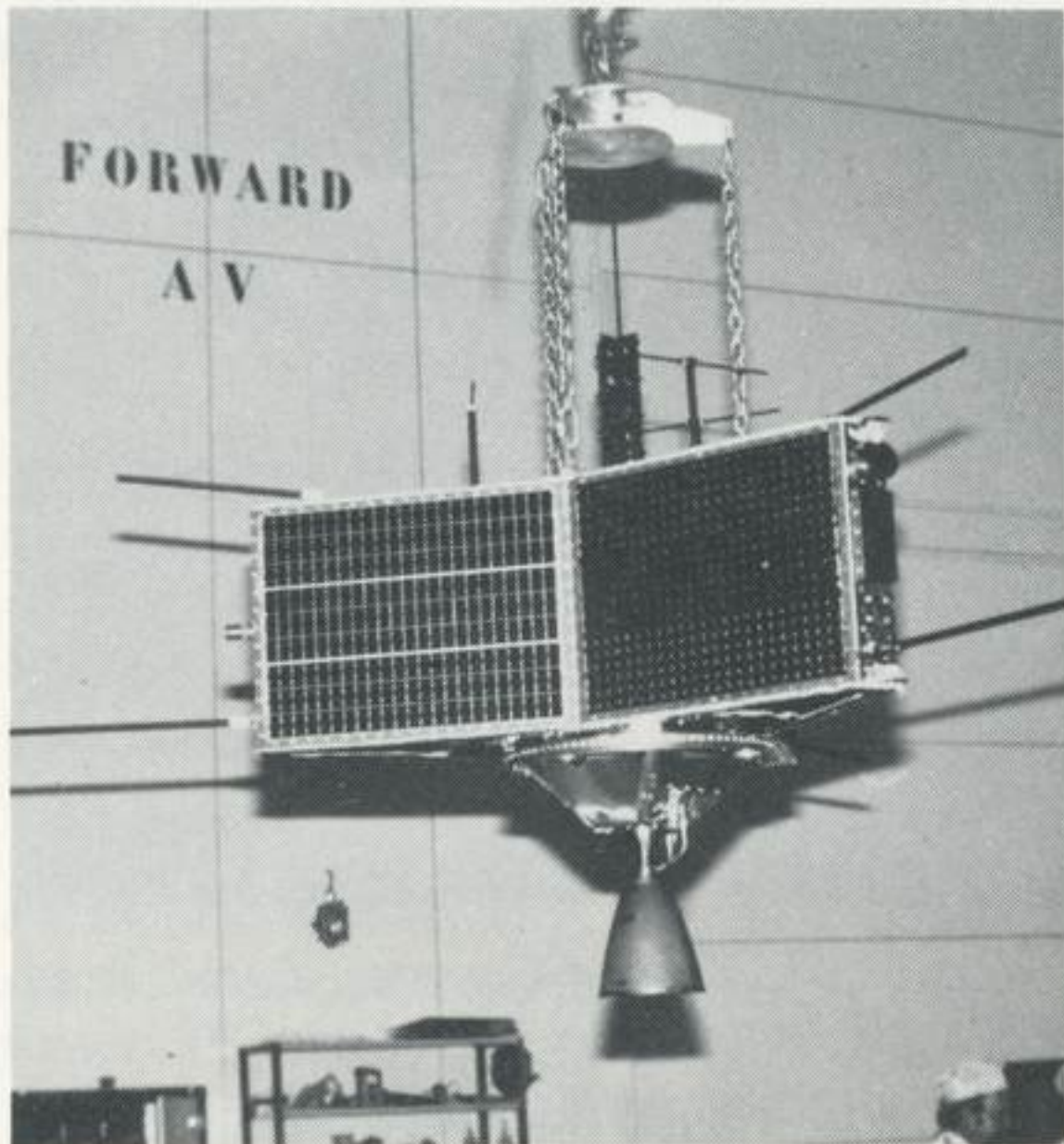
For further information or to receive a course catalog, contact the Technology Training registrar at Ext. 1-9527. ■

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July 1, 1988



The Amateur Radio Satellite Corporation's (AMSAT) amateur radio communications satellite was successfully launched from a spaceport in French Guiana on June 15.

## Company participates in AMSAT activities

An amateur radio communications satellite, which was tested at Martin Marietta in 1986, was successfully launched June 15 from the Kourou, French Guiana, spaceport.

Martin Marietta donated 8 days of thermal vacuum testing at the Waterton plant to support the amateur radio satellite program.

During the testing, the Waterton Amateur Radio Society, a 35-member Martin Marietta recreational organization, hosted a gathering of about 30 international radio amateurs.

The Amateur Radio Satellite Corporation's (AMSAT) Phase III C satellite, which will be renamed OSCAR 13 (Orbital Satellite Carrying Amateur Radio) when it reaches orbit, cost \$1 million and took four years and more than 100,000 man-hours to build.

Dave Cowdin, Astronautics Group senior engineering analyst, spent 3 weeks in French Guiana as part of the final prelaunch readiness team. The six-man international team monitored the spacecraft telemetry and health during prelaunch and launch of the Ariane IV rocket. Flying with the Phase III C were two other satellites, the Meteosat 2 and PanAmSat.

"The importance of this project is that it signifies that a group of private international space advocates have come together to build a satellite," said Cowdin, AMSAT's only representative from North America on the pre-launch team.

The Waterton Amateur Radio Society was heavily involved in the building and testing of the Phase III C spacecraft. Don Lund, Astronautics Group senior group engineer, built the Liquid Ignition Unit on the Phase III C.

Jack Crabtree, Astronautics Group engineer, and Cowdin served as coordinators and provided the AMSAT interface during the planning and execution of the test program. In addition, Cliff Flaharty, Bob Clark, Steve Osborn, and Roger Hanson, all Astronautics Group employees, provided technical, logistical, and escort activities assistance for the test program. ■

# Deer Creek diggers find signs of early Indian life

Almost 5,000 years before Martin Marietta arrived at the Deer Creek Facility, Indians were leading daily lives in Ken-Caryl Ranch.

Today, members of the Denver Chapter of the Colorado Archaeological Society, including four Astronautics Group employees, are finding artifacts indicating life from the middle to late archaic era (3000 B.C. to 100 A.D.) near the Deer Creek Facility.

The chapter is currently in its sixth season at the Swallow Site, a rock shelter named for the swallows that live in the rock overhangings on the south side of the ranch, east of the entrance road. They have conducted "digs" at ten different sites on the ranch over the past 15 years.

The most significant findings from Swallow Site have been two human burials, bone and stone fragments, stone tools, pottery fragments, beads, and charcoal used in carbon-dating the findings, said Ivol Hagar, dig coforeman and chapter member for 26 years.

"These findings prove that midarchaic Indians used the camp regularly," he said.

While the oldest findings are from the midarchaic era, artifacts from the Woodland eras and the pioneer days have also been found.

## Team formed to improve property management plan

A special assignment action team of employees will be working over the next few months to design, implement, and systemize a property management business plan that fully complies with regulations for control and management of Martin Marietta- and government-owned property.

To bring a heightened awareness of proper and effective property management, the group has evolved a slogan—"Pride in Property—Treat It Like It's Your Own."

Chuck Wood, director of Material Opera-

"The Swallow Site may be the most important site (on the ranch)," dig coforeman Fred Rathbun said. "It is certainly one of the deepest, and we have worked at this site longer than any of the others because we have obtained so much material from it."

Moreover, Hagar said the site is unique because it is a minimum protection rock shelter, and because they have found burials at only four of the ten sites on the ranch.

Findings are analyzed and catalogued, then stored at the University of Denver anthropology lab, with the information filed into the lab's computer system.

Small towels, brushes, and dental pics are the primary tools used at the site. The dirt is screened as a last check for artifacts during the normal excavation procedure.

During May and June the chapter worked seven days a week with an average crew of 6-15 people. For July-September, they will work every other weekend.

Martin Marietta employees who have been involved in work at Swallow Site are Joe Boh, Linda Goodrich, Teresa Weedon, and Kay Adams. ■

tions, is leading the team of individuals recruited from various business organizations.

"An approved property management system is mandatory to the success of our Corporation," said Wood. "Please be aware and treat company and government property like your own."

Throughout the course of the project, employees will be called on to assist with the development of the long-range property management operating plan. ■

## On the cover

Linda Goodrich (shown in foreground), an associate packaging engineer in the Space Launch Systems company, searches for artifacts at the Swallow Site archaeological dig located on Martin Marietta's Deer Creek facility property.

Goodrich is one of four employees who have joined the Colorado Archaeological Society to search for remnants dating back as far as 3000 B.C.

## Bike Race will benefit Denver Public Library

Two Martin Marietta-sponsored teams will participate on July 10 in the Denver Little 500 Bike Race to benefit the Denver Public Library. Employees Rob Botman and Tom Parmentier will captain those teams in the 11:30 a.m. race on the Auraria campus track.

## People

- Sally Hirst, the daughter of Jerry Hirst, senior manufacturing engineer in Space Launch Systems, graduated from the United States Air Force Academy in Colorado Springs on June 3. Sally was one of 132 women out of 1,041 graduates—the largest class in Academy history. Sally is attending primary pilot jet training this summer.

- Jayme and Shiloh West, daughters of Patti West, administrative secretary at the Engineering Development Laboratories, competed in the Colorado Beauty Pageant on May 22. Four year-old Jayme was named Colorado's 20th-Century Missie Photogenic. Shiloh, six years old, was named 20th Century Missy Miss. Jayme and Shiloh will be traveling to Houston in August to compete for the Imperial Miss America Petite and Princess Beauty titles, respectively. Grandparents, Jack and Dottie Parmentier, also are employed by Martin Marietta. ■

# Employee services/recreation

**Denver Zephyrs Baseball**—Department administrators will distribute tickets next week for the second company-sponsored family event featuring the Denver Zephyrs vs the Buffalo Bisons at Mile High Stadium on Saturday, July 16. The gates will open at 5 p.m. to kick off a variety of activities including: a Martin Marietta all-star game (players selected from the Wednesday night competitive league) from 5:30-6:30 p.m.; the Precision Lawn Chair demonstration team from Vail, Colo., at 6:45 p.m.; Color Guard at 7 p.m.; and the baseball game beginning at 7:05 p.m. Seating will be reserved by section with open seating within each section.

**Smoking Cessation Classes**—This summer, quit for good! Free smoking cessation classes are available to all Martin Marietta and Air Force personnel, their spouses, and dependents. Classes consist of four meetings from 5-6:30 p.m., July 18, 21, 25, and 28 or August 16, 18, 23, and 25 in Room 200C at the DSC I facility, Wadsworth and Mansfield. To register, obtain a class notice from the information racks and send it to the Employee Services office by July 12.

**Golf Tournament**—The Martin Marietta Open golf tournament will be held Saturday, July 23, at Raccoon Creek golf course, 7301 W. Bowles Ave. Eligibility is limited to employees and retirees of Martin Marietta Astronautics Group, I&CS, and Data Systems. Air Force personnel also may participate. Entry fee is \$35. Golfers must pay and register by July 7. Early registration is advised and entry forms are available in the Recreation racks.

**Belle Bonfils Blood Bank**—The blood drive will be Tuesday, July 12, 9 a.m.-noon and 12:45 p.m.-3:00 p.m. at the DSC facility, Room 200C. Employees

are encouraged to help replenish Belle Bonfils' blood supply by donating blood this summer. To schedule an appointment, call Mary Ellen Nolan, Ext. 7-7973, or Margie Sanchez, Ext. 7-7972.

**Cafeteria News**—To upgrade employee dining areas, the Engineering and SSB cafeterias are now offering a full china service. The china service may only be used within specified dining areas. Beginning July 5, made-to-order cold sandwiches will be available at the first floor Engineering, SSB, and LSC cafeterias. In addition, to speed service, ice cream and yogurt will no longer be weighed in checkout lines. Set prices will be specified for these items.

**Radio Club**—The Waterton Amateur Radio Society will meet at 5 p.m., Tuesday, July 5, in the hamshack at the recreation area. Contact Jeff Owings, Ext. 7-6898.

**Saddle Club**—The club will meet Tuesday, July 12, at the recreation area for Family Night and a pot-luck supper. There will be a board of directors meeting at 5 p.m., followed by a 6 p.m. potluck, and meeting at 7 p.m. Contact Mary Smith, Ext. 1-8154, or Irene Woodzell, Ext. 7-5804.

**Aeroriders**—The motorcycle club meets at 5 p.m., Thursday, July 7, at the recreation area. Contact Paul Betthausen, Ext. 1-5574.

**Skyline Hunting and Fishing Club, Inc.**—The club will meet at 5 p.m., Monday, July 11, at the recreation area clubhouse.

**Hunter Education Classes**—The Skyline Hunting and Fishing Club will conduct hunter education classes July 19-22 and 25, 7-9:30 p.m., at DSC I and July 23, 8 a.m.-1 p.m., at the Skyline Hunting and Fishing Club Range. Those enrolled must attend all six

classes and a minimum of 10 students is needed at the first class to continue the course. The total cost is \$7 and there is no need to preregister. For more information, contact instructor Dick Benson at his home, 985-3728, or Recreation, Ext. 7-6605 or Ext. 7-6750.

**RTD Bus Service**—Routes 76 and 105 now accommodate the 7:30 a.m. and 8 a.m. starting times and 4 p.m. and 4:30 p.m. quitting times at the Deer Creek facility. Bus schedules for routes serving all Martin Marietta facilities are available from the Employee Services and Recreation office, Ext. 7-6605.

**Titan Toastmasters**—The group meets at 6 p.m., Mondays, at Abe's Cafe, 2489 W. Main Street, Littleton. Contact Mark Willey, Ext. 1-6183.

## Spaceweek '88 set for July 16-24

A major question for Americans in 1988 is: "Will we regain and maintain our leadership in space?" Martin Marietta Corporation and more than 100 companies are helping to bring this space leadership issue into the public limelight during Spaceweek '88, July 16-24.

The theme of Spaceweek '88 is "Space: A Commitment to Our Future." Headquartered in Houston, Spaceweek is a nonprofit organization created in 1980 by a handful of volunteers. Today, Spaceweek information is disseminated to a network of more than 70 cities nationwide who participate in annual related activities. ■

## SIP Values

Unit values for the Savings and Investment Plan (SIP) for United Aerospace Workers (UAW) and United Plant Guard Workers of America (UPGWA) employees in May (April values in parentheses) are:

Fund A	Indexed Equity
0.9324912808	(0.9275212447)
Fund B	Fixed Income
1.0554414174	(1.0498565344)
Fund C	Company Stock
0.8314594991	(0.8601350643)

## PSP Values

Unit values for the Performance Sharing Plan (PSP) for salaried employees in May (April values in parentheses) are:

Fund A	Indexed Equity
4.3677068620	(4.3389788062)
Fund B	Fixed Income
2.9504910656	(2.9331771566)
Fund C	Company Stock
4.3590009407	(4.4878723298)



### Employees and their families delight in circus activities

More than 17,000 Martin Marietta employees and family members enjoyed the El Jebel Shrine circus on Saturday, June 18. The circus was the first of three company-sponsored family events scheduled this year.