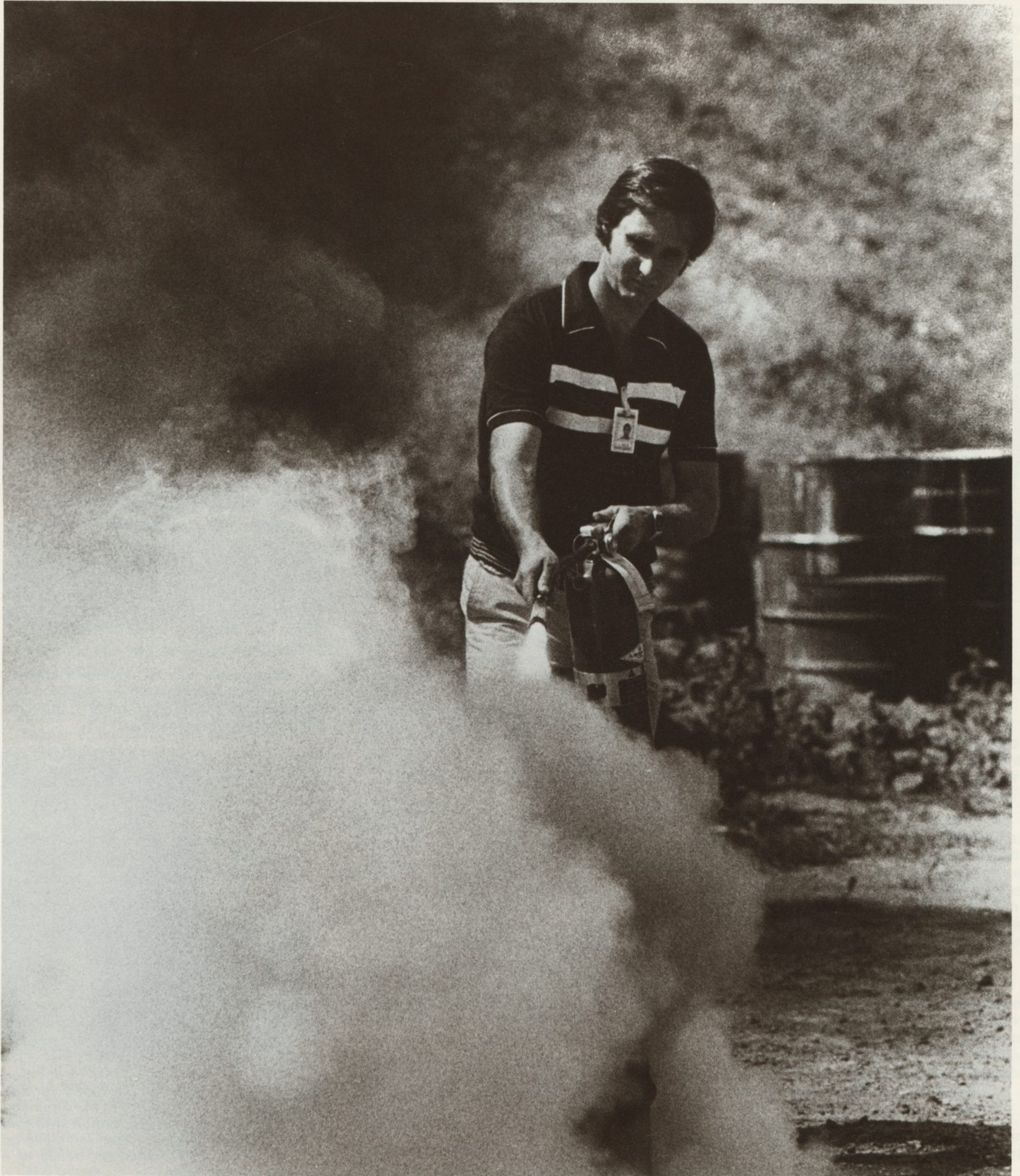


MARTIN MARIETTA

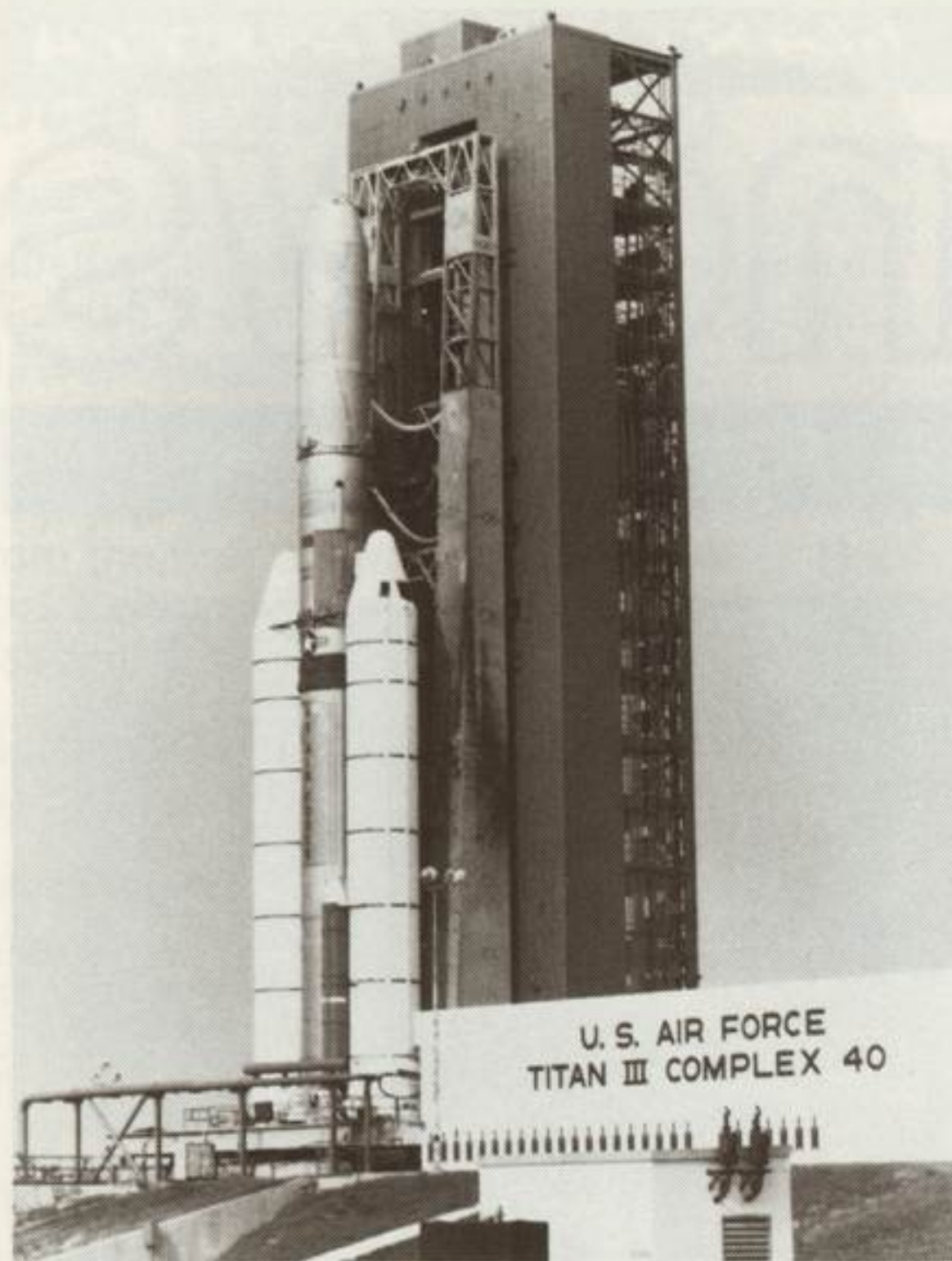
# news

DENVER AEROSPACE

NUMBER 18/1982







The Air Force 34D space launch vehicle, being prepared for its first flight in late 1982, is the fifth generation of Titan Boosters. Capable of placing heavier spacecraft into near-Earth orbits, the 34D will serve as backup vehicle for the Shuttle flights' top priority defense payloads.

## Cafeteria remodeling limits lunch service

"Look forward to a more pleasant lunch experience when reconstruction of our cafeterias is finished," says Phyllis Montgomery, manager of food and vending services. "In the meantime, please bear with some slight inconvenience."

Smoother flowing lunch lines, new menu items, and fresh interiors will result from remodeling of the second floor cafeteria and redecoration of the first floor cafeteria in the Engineering building.

During modernization of the first floor cafeteria, September 20 through October 11, limited lunch service will be offered in several locations during regular lunch hours.

Hot and cold sandwiches, salad bar, beverages, and desserts will be served in the first floor cafeteria, SSB cafeteria, and executive dining room. Meal service at Denver Systems Center will be unaffected.

Breakfast will be served at the SSB cafeteria, but not in the first floor cafeteria, Engineering building.

The second floor cafeteria will remain closed through October for major renovations.

To avoid overcrowding, employees should adhere closely to their regular lunch schedule.

## On the Cover

**Bill K. Mueller is shown extinguishing a petroleum fire at one of last week's fire control training sessions, conducted at Waterton. All of the company's auxiliary fire personnel attended one of eight concentrated hands-on courses held over four days.**

## Denver exhibit features key Air Force programs

Progress toward the first MX missile test flight and development of the Air Force's Shuttle launch complex at Vandenberg are featured in the company's exhibit at the Air Force Association meeting in Washington next week.

The exhibition, located at the Washington Sheraton Hotel September 14-16, also includes Titan 34D, the manned maneuvering unit, space sextant, and SCATHA.

The MX story is told by a movie that highlights critical development tests by various associate contractors, including the modal survey here, and scenes at Vandenberg, where Pathfinder missile stages are being used to check the state of readiness of the facilities completed there earlier this year. The first MX will be launched early in 1983.

The theory of closely spaced basing for MX will be presented in an animated slide show.

Martin Marietta's role in integrating the development of all Air Force Space Shuttle facilities is shown in a multi-media presentation featuring the company's Shuttle processing capabilities and its experience in activating space launch complexes.

Recent modifications to the Michoud facility, including development and implementation of manufacturing automation are presented. The division will build 24 external tanks per year at Michoud by the mid 1980s, with production of as many as 55 tanks per year possible with a few modifications to present facilities.

Presentation at the exhibit will be made by Michael Henshaw, George Horvath, and Joe Gilbert.

Denver Aerospace is sharing the exhibit with Orlando Aerospace and the Baltimore Division.

## Better service is target for direct medical claims

Shortened claim response time is the major objective of the change this fall to direct medical claims service between employees and Connecticut General Insurance.

All policy provisions will remain the same, as will Martin Marietta's interests as the policyholder. Although the company will not be involved in regular claims processing, benefits administration will still serve as the employee's representative, and will continue to help as claims questions or problems arise.

The insurer has both the claim and employee file, and is able to respond more completely and rapidly in the majority of cases. Problems which can't be resolved by Connecticut General can be brought to benefits administration.

"We have thoroughly analyzed the claims procedure, and are assured this change to direct contact will provide the best service for employees," says R.E. Burnett, director of personnel. "In effect, to speed the process, the company has removed itself only as a

middle man in initial or usual claims, but will remain available to assist as required.

"Orlando Aerospace and the Aluminum company are currently using direct claims service, and have had remarkable success in reducing the response time from employee to insurer," Burnett noted.

To support the direct process, a special eleven-person unit of Connecticut General's Denver office has been assigned to handle the claims of Denver-based employees.

In addition, off-site personnel are no longer required to submit their claims forms through Denver, thus are speeding administration for everyone. Direct Claims service for Michoud and Cape Canaveral employees will be through the insurer's office in Atlanta. Their Los Angeles office will serve Vandenberg.

All employees will be provided specific claims filing information in mailings and handouts beginning September 9, and continuing through September.

## Engineering director named

Alan L. Schaeffle has been named director of engineering for the Space and Electronics Systems division. He succeeds Robert G. Morra, who is now space systems director.

Schaeffle was director of STS integration within Space Launch System division.

He joined Martin Marietta in 1956 in experimental dynamics, serving as technical director and in program management roles on Titan I, Titan II, and Titan III. In 1977 he directed the payload integration contract, which established facilities at El Segundo, Sunnyvale, and Houston.

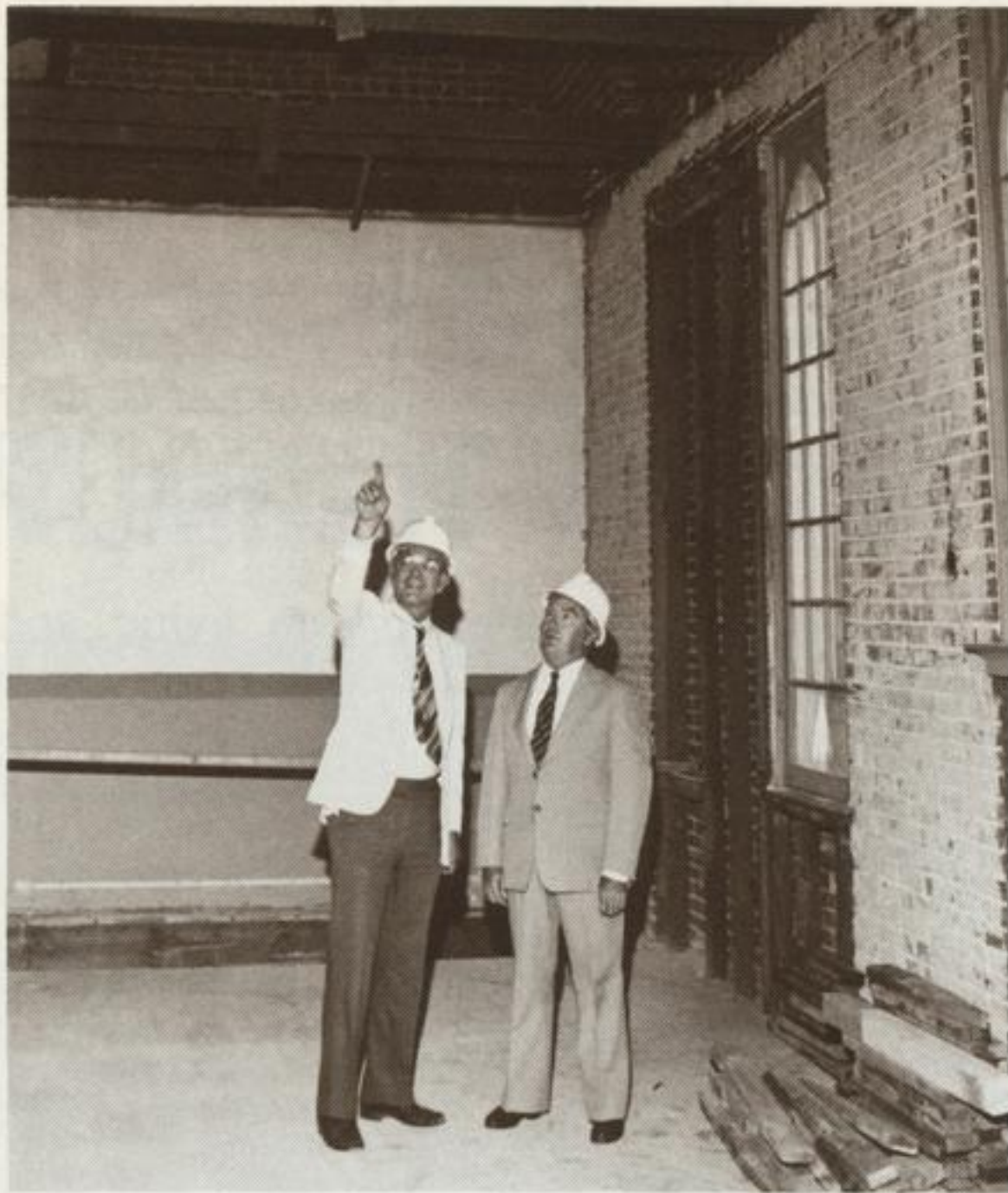
Schaeffle attended the University of Colorado, graduating with a bachelor of science degree in civil engineering in 1952. He has done graduate study in aeronautical engineering at the University of California at Los Angeles.

Schaeffle was director of STS integration within space launch system division.



Colorado Senator Gary Hart addressed nearly 200 members of the newly formed Colorado-Wyoming Chapter of the American Defense Preparedness Association who met here last week. Senator Hart's talk covered the equipment and manpower needs of a modern military force.





The Littleton Center for Cultural Arts Foundation has received a \$10,000 Corporation grant to help refurbish the community's 62 year-old town hall for use as a performing arts center. John H. Boyd Jr., director of public relations, left, reviews progress being made on the renovation with Foundation chairman Vaughn Gardinier.

## Grant helps Littleton get cultural arts center

The Littleton Center for Cultural Arts Foundation received a \$10,000 grant from the Corporation.

The monies will be used to convert the community's town hall, an historic landmark, into a cultural arts center.

Slated for completion in September, the center will provide Littleton residents with facilities for theater performances, concerts, and lectures. Until this year, Littleton has had no such facilities.

Revitalization of the 62 year-old structure will cost \$800,000.

A Foundation membership drive begins this month. Funds for completion and maintenance of the Center will be raised.

Individuals wishing to contribute directly to the Foundation may contact Kenneth Foster, director of the Center, 794-6363. Individual gifts will be matched by the Corporation.

## Closely spaced basing proposal goes to Air Force

After weeks of effort, the Closely Spaced Basing (CSB) proposal has been submitted to the U.S. Air Force Ballistic Missile Office.

"August 26 was the deadline," said proposal manager James E. Geichen. "We started formal work on the proposal July 14. We met the deadline, but it was one heck of a challenge to get there!"

The proposal consists of several suggestions in 14 volumes—the basic two-phases: CSB proposal for systems definition and full-scale development, and considerations for MX in Minuteman silos, and a combination of CSB and MX-Minuteman. Each proposal is nearly 3800 pages.

## MMU is star of local TV show Sept. 12

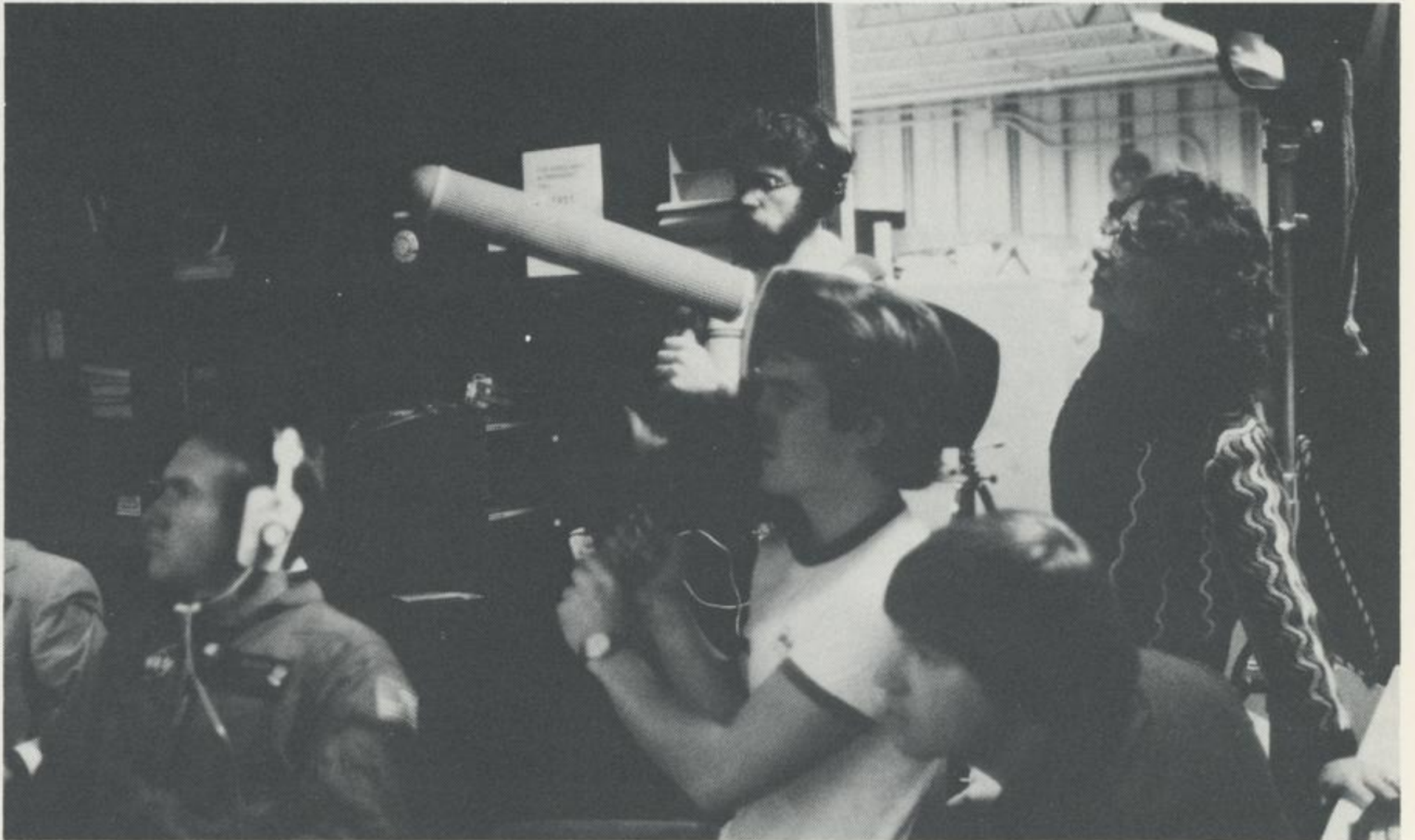
Use of the space operations simulator here highlights the first 20 minutes of an hour-long TV documentary about high technology industries in Colorado.

Astronauts Bruce McCandless and Bill Fisher are featured operating the manned maneuvering unit against a full-scale model of the solar maximum satellite.

"A Prairie Dawn" was produced, written, directed, and edited by KMGH-TV's special features editor Linda Moulton Howe, and is scheduled for viewing on Channel 7 at 7:00 p.m. Sunday, September 12.

Other aspects of Denver Aerospace contributions to high technology in the film are coverage of the Space Shuttle's role in the solar maximum mission and proposed tethered satellite probes of the Earth's upper atmosphere.

"The future belongs to the educated and innovative," says Colorado Governor Richard E. Lamm at the conclusion of the program. "An exact picture of the future is not completely evident, but we know the foundation will be technology. A new world of robotics, biotechnology, lasers, computers, and electronics is changing the world's economy right before our eyes."



Astronaut Bill Fisher, left, and film maker Linda Moulton Howe, right, monitor the performance of the space operations simulator as the KMGH-TV camera crew films "A Prairie Dawn."

## Auxiliary firefighters learn skills first hand

Facilities auxiliary fire personnel and members of the Ridge Riders employee organization attended eight three-hour training sessions here last week. Fire control was the subject of the concentrated course, attended by 250 employees.

The Ridge Riders often assist firefighting efforts on company property and deliver

needed equipment to remote fire locations on their horses.

The auxiliary personnel are trained as an emergency force to take immediate firefighting measures until department fire fighters and equipment arrive.

"Most important is knowledge of the different types of fires, on-hand extinguishers, and basic procedures," said fire protection officer Albert H. Hessel, lead instructor for the sessions. "In three hours, these basics and necessary first-line fire fighting techniques are taught, representing a considerable investment in fire protection."

In addition to becoming familiar with all types of portable extinguishers used in the company's facilities, session participants practiced with high volume water lines. Building evacuation procedures and brush fire fighting were also taught.

Assisting Hessel in the sessions were fire inspector Fred E. Erickson, and Art Voss, auxiliary fire chief.

"We shipped more than 32 cases of proposals to the customer. If we had stacked up the contents of those cases, it would have made a pile at least 75 feet high," Geichen said.

"Everyone really pitched in to meet our deadline," he said. Word processors worked day and night, and reproduction printed more than 284,000 pages.

Geichen reports to Stanley F. Albrecht, director of system integration and test, part of the strategic systems division headed by H.F. Keyser, vice president and general manager.

"We are looking forward to an early January full scale definition go-ahead," Geichen said.



## Union pact enables VAFB local graduate hiring

The Corporation has reached an agreement with the United Aerospace Workers Local 617 allowing the company to employ technical class graduates of a local college.

The agreement permits the establishment of a special job classification for those hired from the first electronics class at Allen Hancock College. The course is sponsored by the Vandenberg Air Force Base Job Task Force.

Martin Marietta is the first aerospace firm in the area to hire local trainees in the program.

Task Force Chairman Tony Montalvo said the agreement illustrates the ability of labor and management to cooperate in assisting local communities in worthwhile projects.

## Junior Achievement advisers involved in community

Creation of a better understanding of the free enterprise system by high school students is the goal of employee JA advisers.

Serving as JA advisers this semester are Leonard Franzblau, Clay Garthwait, Phillip Klos, Georgia Ecord, Guy Wallin, Darlene Smith, Stephen Hodgson, and Pamela Coffey. Franzblau has been involved with JA groups for five years.

High school students form their own corporation under an adviser's guidance. Products are produced and sold, officers are elected, and stock is issued. Rent, wages, salaries, and commissions are paid, and complete bookkeeping is maintained. A final annual report is prepared, and dividend checks are paid stockholders.

Advisers meet with their student groups one night a week for 15 weeks. Planning, special events, and errands require some additional time.

Employees with business administration, production, sales, or finance experience interested in becoming advisers for Junior Achievement companies sponsored by Denver Aerospace and Data Systems should contact Lori Sharp, JA coordinator here, at Ext. 6750.

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

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Business Development: Leonard G. Taigman 4466  
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Vandenberg Operations: William Leary 2202

DENVER AEROSPACE  
P.O. Box 179—Denver, CO 80201

September 10, 1982



*Kenneth P. Timmons, vice president and general manager of the Michoud division, recently addressed the division's External Tank Operations employees at Kennedy Space Center. Timmons spoke of the exceptional work being performed by the employees and commended them for receiving eleven straight superior award fee evaluations from NASA. He also discussed external tank production in Michoud and encouraged everyone to maintain the high standards set in safety and performance of the job.*

## Computer group forms here

A new electronic manufacturing chapter of the Computer and Automated Systems Association of the Society of Manufacturing Engineers has been formed by employees here.

An international organization, the Society of Manufacturing Engineers (SME) has more than 230 chapters in 60 countries and more than 60,000 members.

The Computer and Automated Systems Association is an applications oriented educational and scientific association for engineers, managers, and other professionals working with computers and automated systems.

For further information call Donald Powell, Ext. 5463, Michael McKaig, Ext. 6858, or Steve Blake, Ext. 3602.

## Cancer Society seeks survey participants

The American Cancer Society is looking for a little help from its friends. Volunteers are needed as participants and to conduct Cancer Prevention Study II, a research survey of 3500 Denver county residents.

The project studies the working, living, and eating habits of volunteers, noting their use of tobacco, caffeine and other drugs, saccharin, and cosmetics. Participants must be at least 45 years old.

Cancer Prevention Study I, conducted from 1959 to 1972 linked smoking and obesity to certain cancers, established profiles of women with high risk of breast and cervical cancers, and spotlighted the role of exercise in prevention of heart attack and stroke.

For information, call Stella Motie, American Cancer Society, 321-2464.

## Recreation

**Alpine Club**—The Rocky Mountain Alpine Club will sponsor overnight excursions on the Rio Grande Zephyr from Denver to Glenwood Springs September 18 and 19. For information, call Joe Mensch, Ext. 3583 or Marc Brideau, Ext. 6765.

**Hunting**—The Skyline Hunting and Fishing Club offers a special hunter education class for second shift employees. The course begins September 25 at 8:00 p.m. in the clubhouse. Call Richard Benson, instructor, for details at Ext. 5241.

**Fitness**—Melissa Guynn begins a six-week fitness class September 13 in DSC 200K. Cost is \$12; register through recreation.

**Discounts**—Employee discounts for Heritage Square Opera House are now available. See recreation racks for details.



*The TBDs, Martin Marietta league champions, have won a state slow-pitch title. Winners of the state Slow-pitch Championship for 1982 in the Colorado Athletic Recreation Association, the team completed a 9-3 regular season record. Top row, from left, are Mark Sewald, Dennis Frankos, Joe McManus, Tom Ramberg, Tim Patton, Greg Moore, Ed Batteiger, and Rich Loche. Kneeling, from left, are Dan Cryder, Don Shea, Russ McWilliams, Neal Madsen, captain, Dennis Cassar, and John Jacobs. Not present: Nick Garcia, John Anderson, and John Hancock.*