

April 25, 1986    Number 8



## Titans return

Walter Caughran welcomes the return of Titan IIs to Denver Aerospace. "They're like old friends returning," Caughran said. Caughran, Titan weld and assembly general foreman, has been assigned to Titan final assembly and the assembly weld area for 27 years. "I'm proud to see what good condition these Titans are in." Caughran stands in front of a Titan II Stage I engine compartment area in the factory at Waterton. The Titans will be converted from ICBMs to space launch vehicles for launch of various DOD satellites, such as the defense meteorological satellite program.

# Martin Marietta scholarships awarded

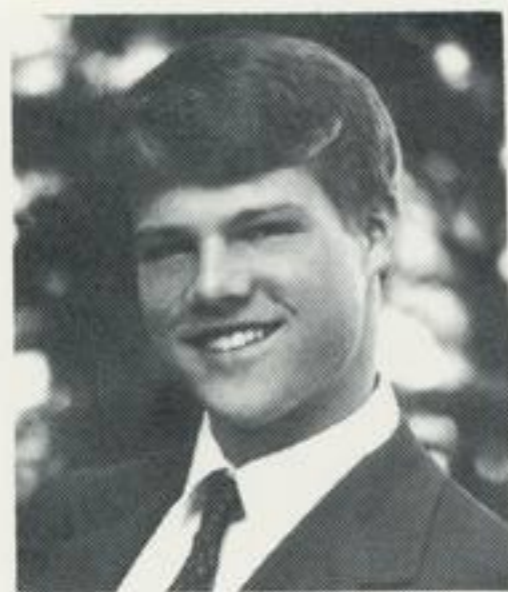
The Martin Marietta Corporation Foundation has awarded college scholarships to 12 children of Denver Aerospace employees. The foundation has awarded 50 scholarships to sons and daughters of Martin Marietta employees throughout the corporation.

Each \$3,000 scholarship awarded for the 1986-87 academic year is renewable for 3 years if the student maintains a satisfactory academic level as required by the college or university.

The committee selecting scholarship winners was headed by Joshua R. Wheeler, former superintendent of schools for Baltimore County, Md. Serving with him were Dr. Donald Maley, chairman, Department of Industrial Education at the University of Maryland, and Howard Staley, a retired executive from Exxon Corporation.

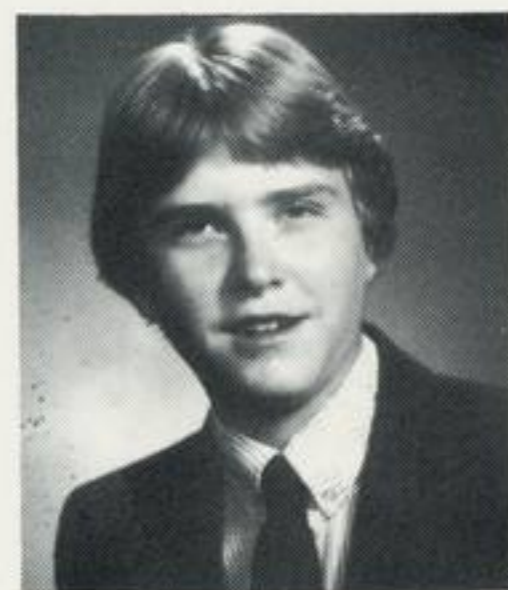
Scholarship winners include:

**Edwin Theodore Anselmi** is the son of Mr. and Mrs. Robert T. Anselmi. He will graduate from Littleton High School this year and plans to major in biology. Anselmi has played on the school tennis and club rugby teams, and participated in Junior Achievement and the National Honor Society. His father is a senior engineer.



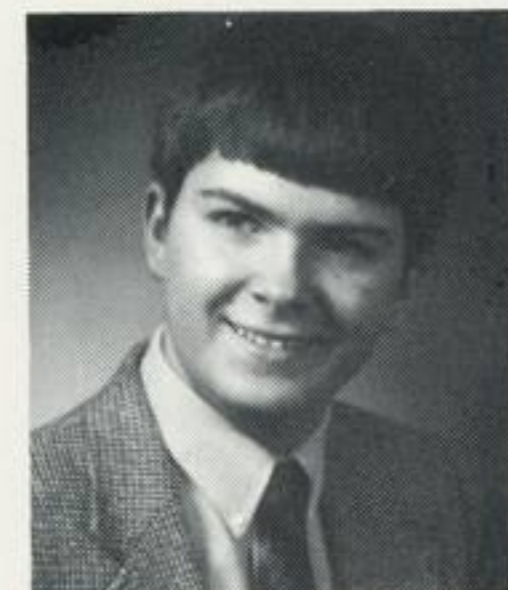
Anselmi

**Kyle Richard Dedrick** is the son of Susanne and Richard Dedrick. Mrs. Dedrick is an administrative secretary at Denver Aerospace. Dedrick will graduate from Columbine High School in June and plans to major in astrophysics or physics at the University of Colorado at Boulder. He plays the guitar and saxophone in a musical group, is a member of the National Honor Society and the school newspaper staff, and worked as an outdoor lab assistant.



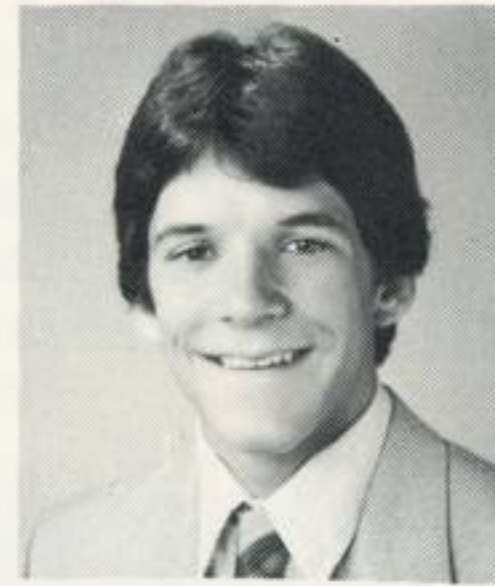
Dedrick

**James E. Elliott** will graduate this spring from Ponderosa High School at Parker and plans to major in computer science in college. He is the son of Mr. and Mrs. Keith Elliott. His father is a senior staff engineer. One of Elliott's major interests is his involvement in the local squadron of the Civil Air Patrol, the civilian auxiliary to the Air Force. He was recently selected as a National Merit Scholarship semifinalist and is a member of the National Honor Society.



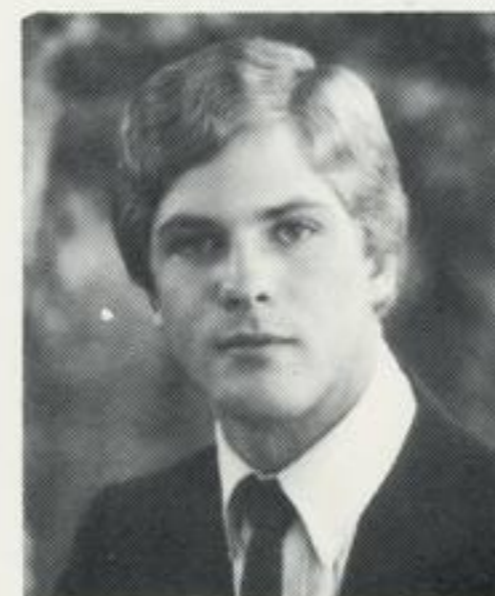
Elliott

**Michael J. Freese**, who will graduate from Ernest Righetti High School at Santa Maria, Calif., is the son of Mr. and Mrs. Darrell J. Freese. His father is a quality field engineer at Martin Marietta's Vandenberg Air Force Base operations. Freese plans to major in aerospace engineering. He plays the saxophone, was chosen as the outstanding freshman musician in 1983, and in 1985 was nominated for the McDonald's All-American High School Band. He played varsity tennis for the past 3 years.



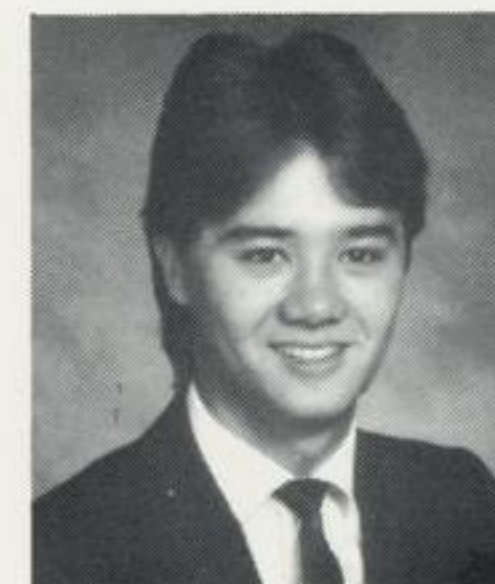
Freese

**Mark Leikam** will graduate from Littleton High School this spring and plans to major in aeronautical or electrical engineering. The son of Mr. and Mrs. Jerry D. Leikam, he represented his high school at the Colorado State University (CSU) Math Day competition, played varsity tennis and sophomore basketball, and sang with the Littleton Singers, a vocal jazz/pop music group. His father is a product assurance manager.



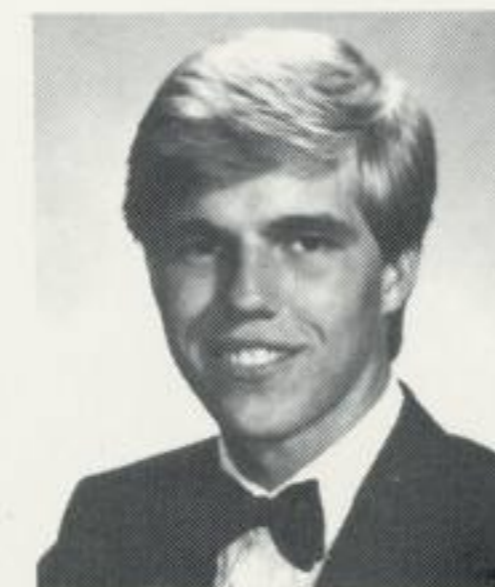
Leikam

**Kevin D. McBryde** is the son of Mr. and Mrs. Robert C. McBryde. His father is a senior engineer at Martin Marietta's Cape Canaveral operations. McBryde will graduate from Satellite High School at Satellite Beach, Fla., in June. He is a member of the National Honor Society, the National Beta Club, the debate team and the Junior Engineering Technical Society. He also enjoys bicycling and model building.



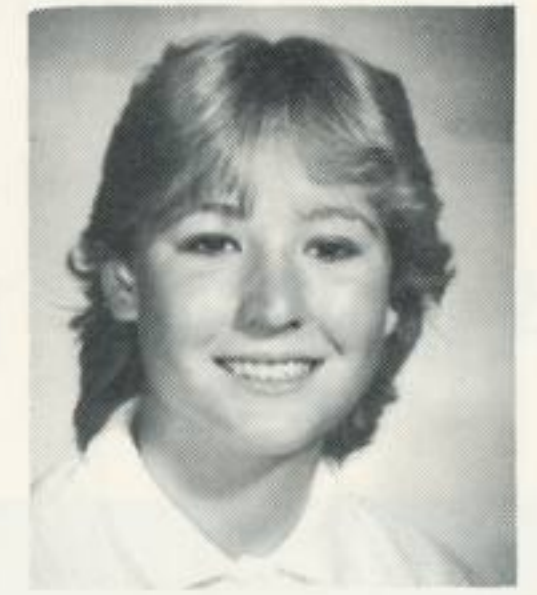
McBryde

**Robert B. Menzel** plans to major in premed after he graduates from Satellite High School at Satellite Beach, Fla. He is the son of Mr. and Mrs. Robert J. Menzel. His father is a senior staff engineer at Denver Aerospace. He played midfield on the varsity soccer team and is treasurer of the student body and the National Honor Society. He also served as president of his church youth group and won a statewide creative writing contest in Florida.



Menzel

**Lynette K. Preston** plans to major in computer science after graduation from St. Bernard High School, Playa Del Rey, Calif. She is the daughter of John C. Preston, chief of quality engineering at Denver Aerospace, and Linda C. Hill. Preston's activities include snow skiing and working on her car.



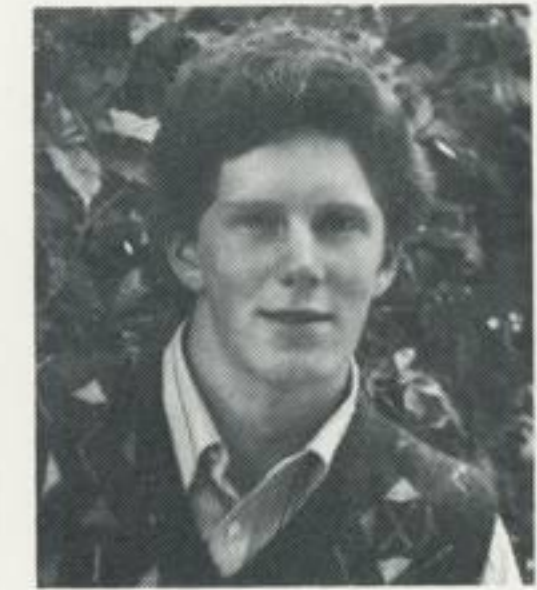
Preston

**Kris A. Reedquist** is the son of Mr. and Mrs. Howard R. Reedquist, Jr. His father is a manufacturing engineer. Reedquist plans to major in chemistry and go on to graduate work in microbiology. He is a member of the National Honor Society and was active on the debate team (including serving as team president) and YMCA basketball. He also served as senate minority leader for the Youth in Government program, and tutored Boy Scouts.



Reedquist

**Andrew D. Shockley** plans to major in journalism at John Brown University in Arkansas after graduation from Arapahoe High School. He is the son of Mr. and Mrs. E. David Shockley. His father is a facility engineer at Denver Aerospace. A special interest of Shockley's has been working at his church with junior high school students. He also works on the school's newspaper and serves as editor.



Shockley

**Michael P. Wightman** plans to attend the Massachusetts Institute of Technology or the California Institute of Technology, major in astronomy, and then pursue a graduate degree in aerospace engineering. He is the son of Mr. and Mrs. William A. Wightman. His father is a staff engineer. Wightman attends Bear Creek High School. His favorite hobbies involve his aquarium and his telescope.



Wightman

Continued next page

# Gen. Casey receives 1985 Zuckert Management Award

Major General Aloysius G. Casey, commander of the Ballistic Missile Office, Norton Air Force Base, Calif., received the prestigious 1985 Eugene M. Zuckert Management Award in a recent ceremony.



Casey

The Zuckert Award was presented to Casey by Russell A. Rourke, secretary of the Air Force. The award is presented annually to a senior Air Force leader who has demonstrated superior performance in managing key Air Force programs.

Casey was cited for outstanding management of two crucial elements of President Reagan's ICBM Modernization Program—the Peacekeeper and small intercontinental ballistic missile.

As program manager for the Peacekeeper ICBM, Casey was responsible for developing a highly successful flight test program and assuring the system stayed on cost and on schedule despite numerous uncertainties about program funding.

Casey was also cited for superb management skills in directing the Small ICBM program, which was identified by Congress as “of the highest national priority.” He was specifically cited for integrating the diverse technologies needed to make the small single-warhead ICBM a reality and in designing streamlined contracting methods that will meet the program's rigid schedule requirements.

Casey has commanded the Ballistic Missile Office since 1982. He is also a master navigator with more than 3,000 flying hours and wears the master missile badge. He is a 1954

graduate of the U.S. Naval Academy, Annapolis, Md., and received a master of science degree in astronautics from the Air Force Institute of Technology, Wright Patterson Air Force Base, Ohio. ■

## Small ICBM system wins highest rating

The Small Intercontinental Ballistic Missile (Small ICBM) system support award fee for the period July 2, 1985, to March 31, 1986, was announced April 17 by Brig. Gen. Edward P. Barry Jr., vice commander and Small ICBM program manager for the Ballistic Missile Office (BMO), Norton Air Force Base, Calif.

The system support project, under Joe R. Donathan, received the highest rating, excellent, with a score of 95%. Evaluation areas included program management, systems engineering and system test.

John R. Adamoli is vice president and program director of the Small ICBM Assembly Test and System Support (AT&SS) program, of which the system support contract is an important part.

“The Small ICBM system support group managed by Joe Donathan did a superb job establishing and administering the total award fee process with our customer (BMO),” Adamoli said. “The bottom line being granted to us is the 95% award fee based on our performance on that contract. BMO did not give us a 95%—we earned it. I am proud of the team's performance during this initial period. We had to come out of the gate running, and we did.” ■

## PSP open enrollment set in May

Employees may enroll or change their investments in the Performance Sharing Plan (PSP) in May.

Changes permitted employees during this time include the percentage of payroll deductions and changes in the tax mix (before and after tax contributions). The changes become effective July 1, 1986.

Changes in investment options, or transferring funds from one account to another, may be made twice a year at any time.

Those employees eligible for enrollment in the plan are newly hired or rehired employees with at least 6 months of service. An employee who has withdrawn or suspended contributions must complete a form to resume contributions after the appropriate waiting period.

Forms are available at the following locations: Waterton facility, Engineering Building, Room 125; Academy Systems Center (ASC); Linpro II, Lobby; Greenwood Commons, Building 8100; Littleton Systems Center (LSC), hallway by bulletin board; West Point, Room 340; and Electronics Manufacturing (EMF-1), Lobby.

Send completed forms to the employee benefits office, Engineering Building, Room 125, Mail Stop 1302. The forms must be received by May 30.

Continued from page two

**Darren S. Zimbelman** is the son of Mr. and Mrs. Harold F. Zimbelman. His father is a staff engineer. After graduation from Lakewood High School this spring, Zimbelman intends to major in dentistry. He was active in athletics,



Zimbelman

and received a varsity letter while playing on the 4-A high school state championship football team and a varsity letter in track. He also received a letter all 3 years of varsity swimming and was elected captain of the swim team. Much of his spare time is spent helping foreign exchange students adjust to life in the United States. ■

## Carnival planned for May 18-19

The Career Women's Association is sponsoring a carnival as part of the Colorado Special Olympics Spring Games.

The carnival will be May 18 and 19 at the Air Force Academy in Colorado Springs. It will be free and open to the public.

The purpose of the carnival is to enhance the Special Olympics for handicapped participants. The carnival was planned, organized and will be operated by Martin Marietta employees from Denver Aerospace, Information & Communications Systems, and Data Systems.

### MARTIN MARIETTA NEWS

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MARTIN MARIETTA

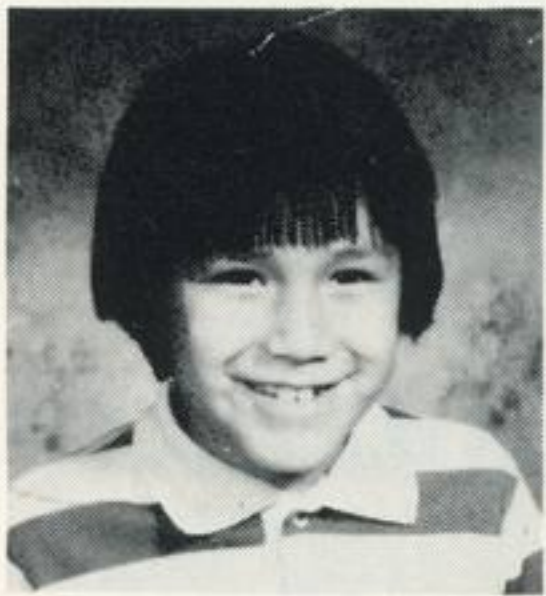
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DENVER AEROSPACE  
P.O. BOX 179—Denver, CO

April 25, 1986



Casey



Melody

## Group sponsors Indian children

For the past 2 years, members of the planning department have been contributing to the welfare of two American Indian children through the Christian Children's Fund program.

The children supported are Casey Boyd Big Knife and Melody Janean Hogner. Casey is a 12-year-old Chippewa/Cree living on the Rocky Boy Indian Reservation in Box Elder, Mont. Melody is a 5-year-old girl living in the Spavinaw Lake area in northeast Oklahoma.

The following employees have contributed to the children's support: Santo Bertuzzi, Jean Rodick, Ralph Porter, Bill Dowe, Carroll Cole, Doug Fain, Terry Whitsel, Harry Burton, Don Ossian, Jim Gladney, Ed Barry, Paul Cox, Jerry Dodd, Bruce Bowman, Grant Stailey, Ray Ramirez, Sandra Cox, Mike Gaughen, Wes Jorgensen, Glen Rhodes, Art Halliday, Clyde Bringer, Sheila Saccone, Debbie Carr and Clarence Stooksbury. ■

## Project Business aids students

The business world is coming alive for eighth- and ninth-grade students, and Martin Marietta employees are helping to make that happen.

Project Business, Junior Achievement's program for eighth- and ninth-graders, supplements social studies classes by bringing business people into the classroom to discuss economics.

Grant Stailey, an aerospace planner, is teaching Project Business to Karen Smith's class at John F. Kennedy High School. Once a week for an entire semester, Stailey presents various topics relating to economics and business.

The curriculum developed by educators and business people includes "Introduction to Economics," "America's Economic System," "Enterprise in Action," supply and demand, personal economics, finance and global economics. These textbooks and topics, and the way the materials are presented, allow students to take the theory of economics and transform it into practical application, Stailey said.

Employees interested in future involvement with Project Business may call Lori Sharp, Ext. 7-6605. ■

## Corporate news

### Corporate Technical Operations names new directors

Maynard L. Sikes has been named director of research and Dr. Charles A. Hall becomes director of engineering for the Martin Marietta Corporation's Technical Operations.

Both will report directly to Robert G. Morra, vice president, Corporate Technical Operations, who made the announcement April 7.

### Data Systems appoints 2 to key positions in software

Data Systems has named Donald R. Shaw vice president and general manager of the company's Information Technology division and Arthur G. Mitchell vice president in charge of its commercial software sales.

Shaw will head Martin Marietta's growing commercial software division headquartered in Princeton, N.J. Mitchell will report to Shaw as vice president of the division's worldwide software sales activities.

## News briefs

### Employee earns AF award

Gary A. Kanelos, senior project design engineer on the space shuttle program at Vandenberg Air Force Base, Calif., has received the Engineering Achievement Award from the Air Force Space Division.

Kanelos was recognized at Space Division Headquarters in El Segundo, Calif., April 9 for successfully developing and integrating the Hazardous Waste Management Project for the space shuttle program at Vandenberg.



Kanelos

At the awards presentation, Col. Raymond E. Rodgers, Jr., director of acquisition civil engineering for the Space Division, said the success of the project has received national recognition in the engineering and construction community.

The Hazardous Waste Management Project includes several designs for managing toxic materials at Space Launch Complex 6. These designs are critical for launch operations at the shuttle launch site and include an automatic postlaunch complex washdown, the use of a new hazardous waste treatment facility at Vandenberg, and a special water reclamation and recycling program.

## Changes at missile center

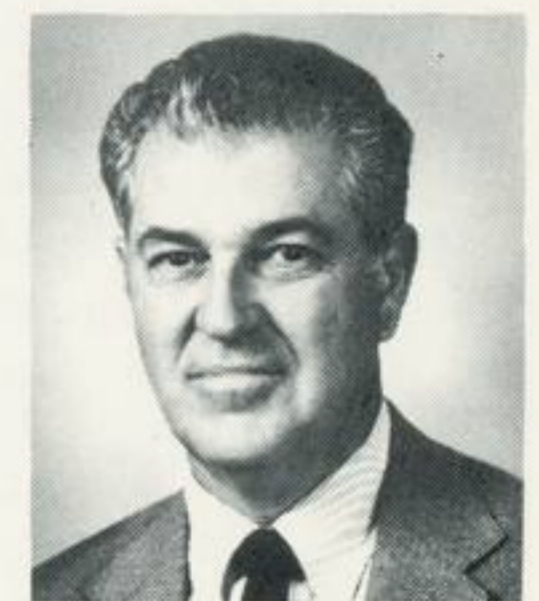
Space Division Headquarters at Vandenberg Air Force Base, Calif., has named Col. Orlando C. Severo, Jr., commander of the 6595th Shuttle Test Group (STG), to head the Western Space and Missile Center. The change was effective April 18.

Severo replaces Col. Lawrence L. Gooch, who moves to the top position at the Air Force Space Technology Center at Kirkland Air Force Base, N.M.

Col. Robert B. Bourne, 6595th STG director of operations, assumes command of the Shuttle Test Group.

## Davis promoted to president

Thomas G. Pownall, Martin Marietta president and chief executive officer, has announced the promotion of Richard M. Davis to president of Martin Marietta Michoud Aerospace.



Davis

Davis was named vice president and general manager of the New Orleans operation July 31, 1985, replacing Kenneth P. Timmons, who retired from Martin Marietta late in 1985.

Davis is a 1951 graduate of the Massachusetts Institute of Technology with a degree in aeronautical engineering. After graduation he was commissioned in the U.S. Air Force and stationed at Wright Patterson Air Force Base. In 1953, he joined what is now the corporation's Baltimore Division.

Davis has received two Jefferson Cup awards, the company's highest recognition for professional excellence. ■



Buy U.S. Savings Bonds



### Navy postgrads tour Denver Aerospace

Some of the students of the Space Systems Academic Group from the Naval Postgraduate School, along with Professor Allen E. Fuhs, far right, second row, tour the Gallery at the Waterton facility during a recent visit. Forty-two students attended the lectures and tour, led by Fitzroy Newsum, right, front, public relations manager.

## Company forms special team to reactivate Titan 34D pad

Martin Marietta has established a special launch pad reactivation team to assist the U.S. Air Force in putting Space Launch Complex 4 at Vandenberg Air Force Base back in operation as quickly as possible. The launch pad was damaged when a Titan 34D space booster failed shortly after launch on April 18.

Joseph Jackson was named to head the launch pad reactivation team at Vandenberg. He reports to Felix J. Scheffler, director, Vandenberg Operations. Teams at Denver Aerospace and Vandenberg also are assisting the Air Force mishap investigation board that is probing the cause of the Titan failure. Martin Marietta is providing technical assist-

ance in assessing the available data to find the cause.

Col. Nathan J. Lindsay, chief of the Eastern Space and Missile Center at Patrick Air Force Base in Florida, heads the Air Force mishap investigation board. The board is composed of representatives from the Air Force Systems Command's Space Division, Rocket Propulsion Laboratory, Space and Missile Test Organization, Eastern Space and Missile Center, Contract Management Division, the Air Force Space Command, NASA's Marshall Space Flight Center and others. Board members were selected for their expertise and experience in propulsion systems, space booster launch processing and related areas.

## Employees tour Titan assembly line

As part of a program conceived and directed by Don Plomondon, manager of mission success, a group of employees from support functions at Greenwood Commons recently toured the Waterton plant.

The purpose of the tour, the first in a series, is to acquaint employees from offsite locations with production activities and show them how their assignments relate to manufacturing processes. Many employees are located more than 20 miles from the plant and rarely see the Titan products.

The tour, conducted by George Lawrence, manager of Titan assembly and test, and Gene Boxler, manager of electronic manufacturing (EMF), showed major phases of intricate manufacturing processes from beginning to end. This included the first of the Titan II missiles deactivated from underground silos.

During the tour, Lawrence gave a brief history of the company, and led the group through the detail shop, machine shops, chem-mill op-

erations, brake forming, heat treat, weld operations, tube shop, X-ray booth, vertical weld, and through final assembly/pack and ship. The group toured the EMF building including electrical assembly, plug assembly, clean room operations and automated testing.

Included in the tour were chemical baths that have the capability of finitely removing material to accurate thicknesses and weight. The group observed new computerized, numerically controlled machines that shape details from bulk blocks of material, and visited the second floor assembly area where titanium tanks and aluminum dome assemblies for Titan are processed.

Also included was the major weld area where the rotation welding fixtures and dome welding horizontal barrel weld fixtures are used to build the Titan stages.

Tours will be conducted weekly on Wednesdays. For more information, call Kathy Byrne, Ext. 7-2058.

## Coloradans give high marks to Martin Marietta

Coloradans have positive feelings about the top corporations in their state, according to a Denver Post-NewsCenter 4 Poll, and Martin Marietta is one of those ranked highly.

Among 11 of the major companies in Colorado, Martin Marietta received a positive response in the 70% range, along with Gates Rubber Co., Frontier Airlines and United Banks.

The Denver Post-NewsCenter 4 Poll was conducted by Talmey Associates of Boulder through telephone interviews with 508 adults across Colorado between March 1 and 11. Paul Talmey, president of the public opinion and market research firm, said the scientifically selected random sample has an error margin of plus or minus 4.3%.

## Life Line marks Save-a-Life week

In recognition of Life Line, a 24-hour-a-day telephone crisis intervention and suicide prevention service, Gov. Richard D. Lamm has proclaimed April 27 to May 3 as Save-a-Life week in Colorado.

Staffed by volunteers who have received 50 hours or more of counselor training, Life Line receives more than 10,000 calls each year from people who want to discuss suicide, loneliness, depression, drug and alcohol problems, grief and other personal concerns.

All Life Line services are offered free by dialing 458-7777. The organization is part of a worldwide network of more than 200 crisis intervention centers in 12 countries.

Life Line also needs volunteer telephone counselors for training and future service. Persons interested in becoming a Life Line volunteer should contact Arthur Ziemann, 421-6453.

## Editorial offers script services

Thinking about film or videotape production lately? The editorial section of the publications department has a new service—scriptwriting. Services include topic research, concept development, rough and final scripts, and storyboard production.

The scriptwriter is involved from program concept through completion, detailing visuals and dialogue or narration.

Working closely with film services, the scriptwriter will assure your program is broadcast quality and within budget.

## Classified material 'cleanout' slated

A one-day "cleanout" of all non-essential classified material at Denver Aerospace and Information & Communications Systems will be conducted Wednesday, April 30.

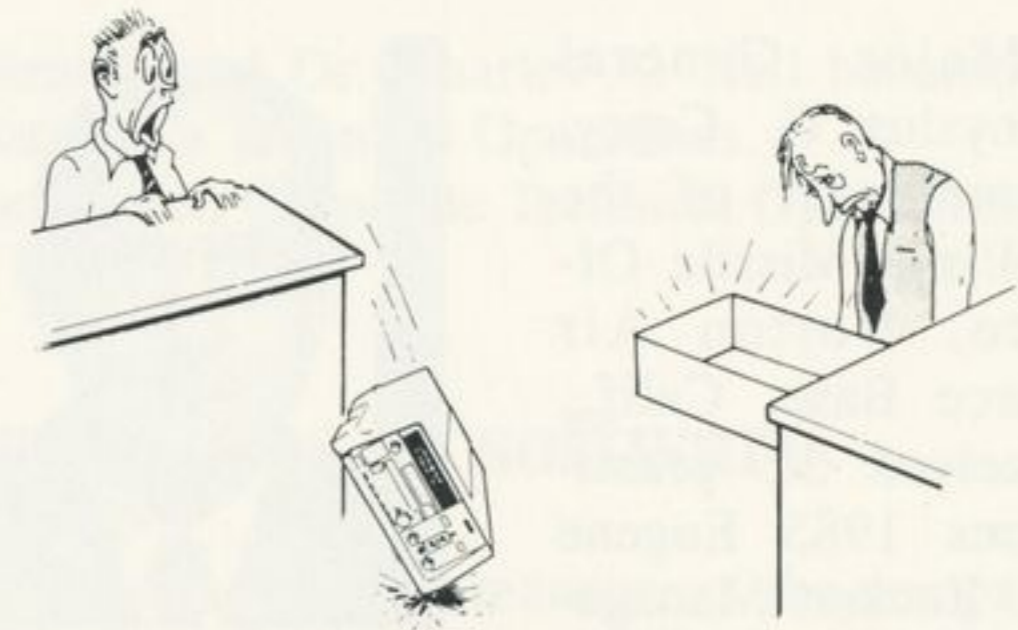
At that time, all document custodians and holders of classified information must identify the classified material that will be processed for destruction.

On Friday, May 2, the classified loan center will receive classified material directly from document custodians at

the Waterton facility. For offsite locations, including Denver Systems Center, Littleton Systems Center and Greenwood Commons, a special security/mail services courier team will pick up the classified material for transport to the Waterton facility.

This action is in response to a recent requirement from the Secretary of Defense that affects the Department of Defense and its contractors.

## Report Equipment Damage/Loss



**Call Security Immediately  
X4646**

For Assistance Call Property Management X4277

## Retirees meet, elect officers

More than 250 persons attended the first meeting on March 22 of Mars & Associates, the Martin Marietta Denver Aerospace retirees' group.

Members met to renew old acquaintances

and elect officers and board members for 1986, reported Howard Carley, one of the group's vice presidents. The meeting was at the Pinehurst Country Club. ■

## Employee services/recreation

**Sports special**—The Sports Club, in conjunction with employee services, is offering one-week free memberships through May 15 to Martin Marietta employees. The club will waive the initiation and buyout fees for company employees. Located off Wadsworth Boulevard near Hampden Avenue in the Mission Trace Shopping Center, the club offers 14 racquetball courts, 36 Nautilus machines, free weights, aerobics classes, an indoor pool and a running track. For more information and court reservations, call 989-8100. Identify yourself as a Martin Marietta employee to qualify for the free week's pass.

**Golf**—All Martin Marietta golf leagues should contact the recreation department, Ext. 7-6605 or 7-6750 for a 1986 league registration form.

**Riding**—The next meeting of the Ridge Riders Saddle Club will be 7:30 p.m. Thursday, May 1, in the club room at the recreation area.

**Radio**—The Waterton Amateur Radio Society will meet at 5 p.m. Thursday, May 1, in the hamshack (west side of the recreation club room).

**Chess**—The Chess Club will meet from 6:30-9:30 p.m. Wednesday, May 7, in the DSC snack area.

**Bicyclers**—Mile High Rollers Velo Club will meet 5 p.m., Wednesday, May 7, at the recreation area picnic pavilion for a spring potluck. Bring a dish to share, meat will be provided. Call Tom Parmentier, Ext. 7-3717, for more information.

**Auto emission testing schedule**—Car keys must be left at designated drop points before 8:30 a.m. Schedules and key deposit envelopes are available in all recreation racks.

Location: Heliport (northeast of RDL)

Day: Monday, May 5

Buildings included: Admin., I Bldg., GPL, Factory, RDL, Eng. and Hill

Key drop/pickup point: Recreation office, Eng. Bldg. Room 124.

Location: EMF west parking lot

Day: Monday, May 5

Buildings included: SSB, SSN, SSN-A, EMF, AVL and SSL

Key drop/pickup point: EMF-I lobby

Location: Greenwood Commons Bldg. 8100 (8100 S. Parking Lot)

Day: Tuesday, May 6

Buildings included: Greenwood Commons

Key drop/pickup point: Bldg. 8100 guard station

Location: LSC east parking lot

Day: Tuesday, May 6

Buildings included: LSC and GEPS

Key drop/pickup point: LSC guard station

Location: DSC south parking lot (south of DSC I)

Day: Wednesday, May 7

Buildings included: West Point, Tishman, Linpro, DSC & ASC I & II

Key drop/pickup point: Main Lobby DSC

Drivethrough schedule for LSC, DSC, second and third shifts:

LSC: GEPS will have a drivethrough time of 7-8 a.m. at the LSC east parking lot on Tuesday, May 6.

DSC: ASC I & II, Tishman and Linpro will have a drivethrough time of 7-8 a.m. at the DSC I south parking lot on Wednesday, May 7.

2nd Shift: Second-shift employees will have a drivethrough time from 2-3 p.m. at the Heliport on Monday; May 5—just drive to test unit, get your test, and depart—no delay.

3rd Shift: Third-shift employees will have a drivethrough time of 7-8 a.m. at the Heliport on Monday, May 5.