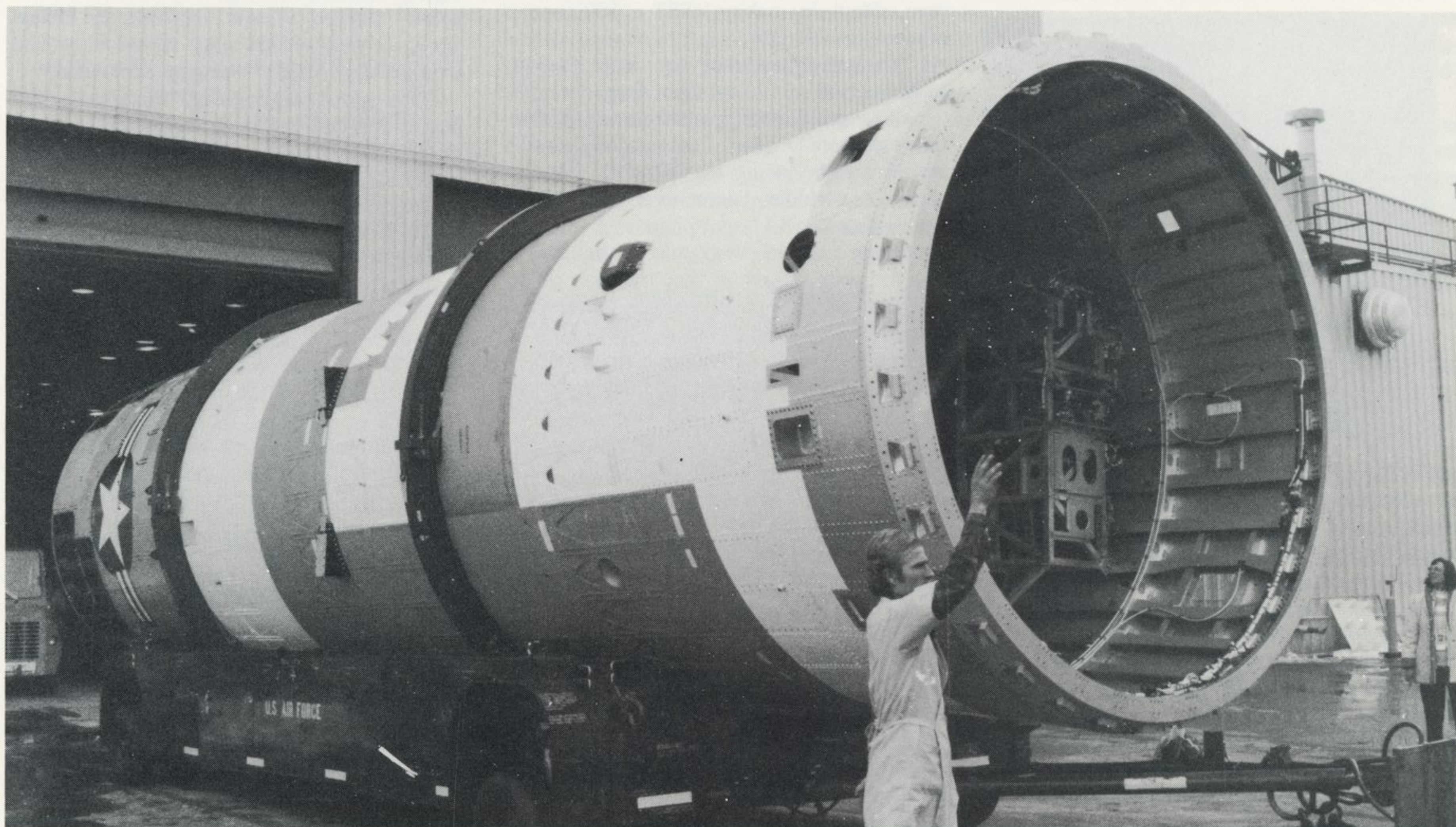
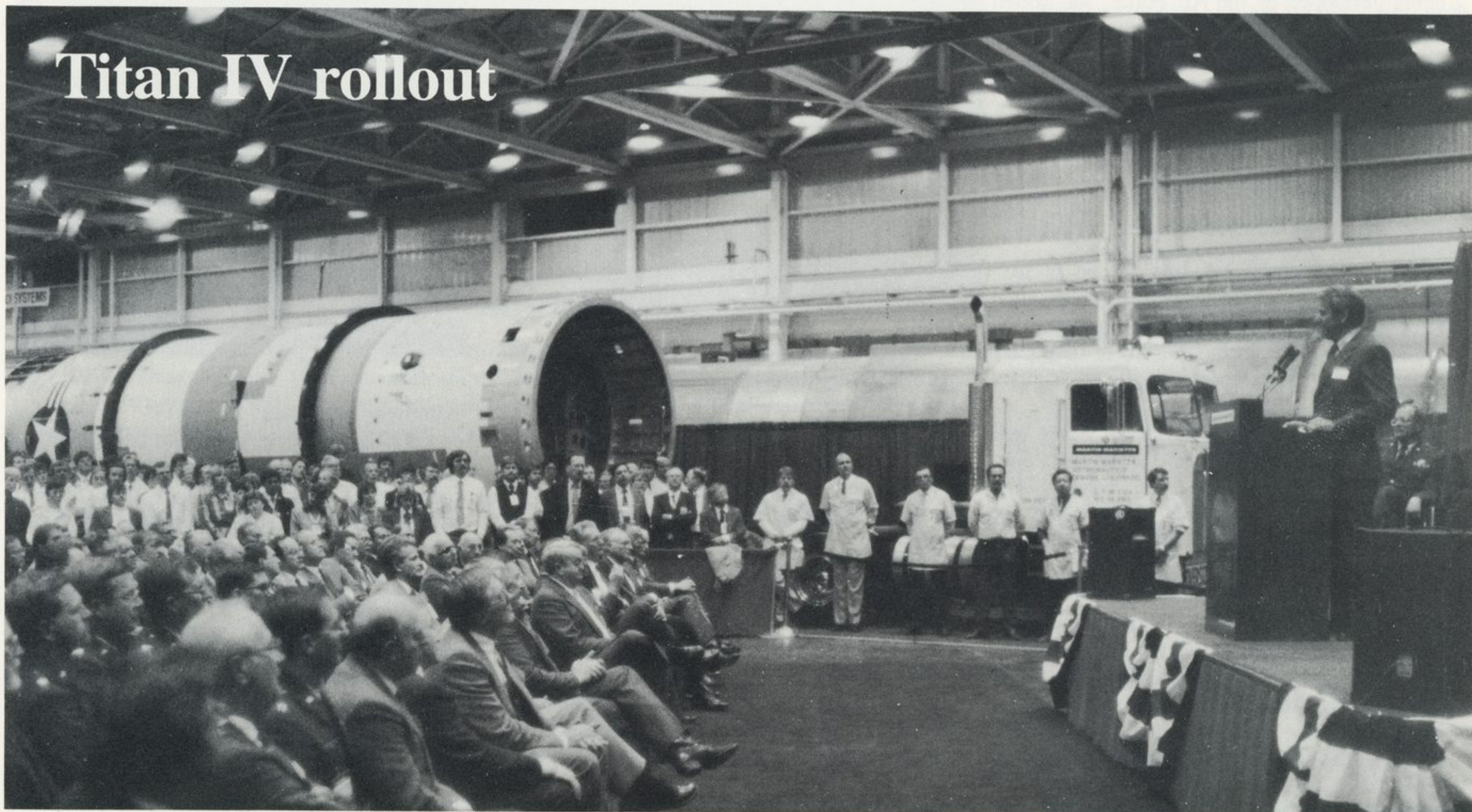


January 15, 1988 Number 1

Titan IV rollout



Martin Marietta rolls out first Titan IV space launch vehicle

The first Titan IV space launch vehicle, the newest and largest unmanned space booster being developed by the Air Force, was rolled out of the factory at Waterton during a ceremony Jan. 11. Colorado Gov. Roy Romer; Maj. Gen. Robert Rankine, vice commander of the Air Force Space Division; Caleb B. Hurtt, corporate president and chief operating officer; Peter B. Teets, Astronautics Group president; and Gareth D. Flora, Space Launch Systems president, joined more than 300 employees.

"This is a happy occasion for all of us," Teets said in his opening remarks. "This Titan IV is the largest Titan ever built, and will be the largest vehicle in the Air Force inventory to launch the most important national security spacecraft for our country.

"By the end of this year, the Air Force will be able to launch critical national security payloads on three different Titan systems—the Titan IV for large payloads, the Titan II for small payloads, and the Titan 34D for mid-size payloads."

Teets introduced key subcontractors who make up the Titan team. Teets paused after introducing Lt. Gen. Donald J. Kutyna, commander of the Air Force Space Command, to commend the general for being instrumental in establishing the complementary expendable space launch vehicle program, now Titan IV, more than 3-1/2 years ago, and thanked him for his inspirational leadership.



Romer

"We are on the edge of exploration, new territory, new space, and new ways of doing things, that absolutely are exciting," Romer said. "You in this room have made this possible. You have the contract, and you produced the product because of superior workmanship, absolute close focus on cost, and an after-sale care of your product that is renowned with your customer.

"All of you in this room have made this day possible, but you're here also as an indication of what will be Colorado's future," Romer said.

"Colorado is the space center of this world in my judgment. I'm here to honor you for having done a good job, but secondly, to remind us all of what brings excellence and what brings us to the point of competition. It is having an absolutely skilled work force, having an attitude that really says that you have to push the wagon and not ride on it, and having a state that has an aggressive posture toward new jobs and new business.

"I want you to know that I would like to work with you because not only your jobs, but the jobs of your children and grandchildren, depend upon how well we prepare for that future.

"Most of all," Romer continued, "we prepare for the future by continuing to be bold. Only those who are bold are those who come out with new products, and prove that those products work. You really have done that, and I'm pleased to be associated with you. Together we're going to make a good state a great state."

Hurtt, who joined Martin Marietta in Denver in 1956 and has been closely associated with the Titan program, said, "For 31 years you've been building Titans. It's particularly fitting at the beginning of 1988 that we roll out this first Titan IV, because it marks one more step toward Titan's return to service for our nation. I compliment the men and women of the Air Force and of the Space Launch Systems company for their tremendous efforts in making 1987 a 100 percent mission success year.

"Those three launches . . . were fantastic missions, and we needed them desperately, the nation needed them desperately, and you absolutely delivered." Hurtt commended those involved for producing the Titan IV 71 days ahead of schedule, calling it a "tremendous achievement."

"I truly want to congratulate every one of you for your efforts in that tradition of demanding that we build systems and deliver systems that meet their intended purposes."

General Rankine also praised the Titan IV effort. "Fortunately (for national security), the secretary of defense and the secretary of the Air Force, through the initiatives that were mentioned, begun by General Kutyna, fought for a complementary expendable launch vehicle, and the Titan IV is the vehicle that became the expendable launch vehicle. A vehicle that would accommodate the same size payloads as the space shuttle. If we had waited until the aftermath of the Challenger accident to react and to begin these initiatives, this rollout would have been 2 years later than today.

"This Titan IV is a symbol of the new national policy for assured access to space, and this is the year that we see that policy materialize. The Titan family has a proud history spanning 25 years. The Titan IV program has been



Rankine

extremely fast paced.

"In order to maintain this fast pace, many of the employees, I know, worked over the Christmas holidays and on New Year's Day, in order to make this rollout schedule that we're on today, and for them they have the Air Force's and the nation's greatest appreciation, and I'd like to give them a hand.

"This Titan IV before us represents a renewed base of engineering and manufacturing talent on which we can build and foster expertise in making reliable rockets that will maintain the leadership of the United States in space.

"So we have the Titan IV, vital to maintaining our national security, a symbol of assured access to space, visible proof that the United States is well on the road to recovery, and stronger than before," Rankine concluded.

"This is truly a great day," Flora said. "I'd like to do one other thing before we close today. I'd like to salute the men and women of the Titan IV team standing here before us, and I'd like to ask all of you sitting here to rise and to give them one more hand of applause for the job they did over the last 3 years."

The Titan IV vehicle, produced by Space Launch Systems, will be shipped to Cape Canaveral Air Force Station, Fla., for launch late this year. Air Force Launch Complex 41 is being modified to support the 204-foot-tall vehicle.

In addition to the East Coast, Titan IVs also will be launched from Vandenberg Air Force Base, Calif. ■

On the cover

Caleb B. Hurtt, corporate president and chief operating officer, addresses crowd during Titan IV rollout ceremonies. In photo below, an employee carefully monitors rollout of first Titan IV from the factory, before it is shipped to Cape Canaveral Air Force Station, Fla. for launch late this year.

President Teets reviews 1987 annual state of the business

When reviewing a successful 1987, how do you identify the most important events? For the Martin Marietta Astronautics Group, it's easy. Those events which reflect Astronautics' commitment to mission success rise to the top.

"The highlight of 1987 was a return to 100 percent mission success," Peter B. Teets, president, Astronautics Group, told Astronautics Group management in his annual state-of-the-business review last Friday. "We've got to keep mission success at the top of the list."

Two successful launches of the Titan 34D and the launch of the last Titan IIIB in the Air Force's inventory were important milestones for 1987. Two additional Peacekeeper test missiles were launched, bringing to 17 the string of successful launches.

"We were also honored by President Ronald Reagan's historic visit and address to our employees in November, certainly a fitting end to a great year," Teets said. "The president's visit was handled in a thoroughly professional way. I congratulate everyone who was involved," he said.

Teets also mentioned that Howard Baker, the president's chief of staff, sent a letter to Thomas G. Pownall, chairman of the board, thanking him and Martin Marietta for hosting the president.

"We had some significant wins in 1987," Teets said, including the Space-Based Interceptor, the Zenith Star program, two contracts related to a Mars sample return mission, and a contract to study the Flight Telerobotic Servicer. "We also established a new company: Commercial Titan, Inc. Giving birth to this new venture hasn't been easy; it's a real challenge but we'll reap great rewards for the effort," Teets said.

In discussing other highlights, Teets included acquisition of the Deer Creek facility, restructuring of the Astronautics Group, initiation of Project Challenge and surpassing financial commitments. "We have better than three years' sales in our backlog," Teets said. "That's tremendous." The group's performance in orders, sales and profit exceeded commitments made for the year.

Teets also expressed concern about some of the events of 1987, including the loss of three significant contracts in a competitive environment: Space Station Work Package 01, the Medium Launch Vehicle, and Space-Based Interceptor Flight Experiment. Teets said Joseph C. Spencer, vice president for Business Development, is heading an effort "to review the situation from a lessons-learned perspective to determine what we need to do so this doesn't happen again."

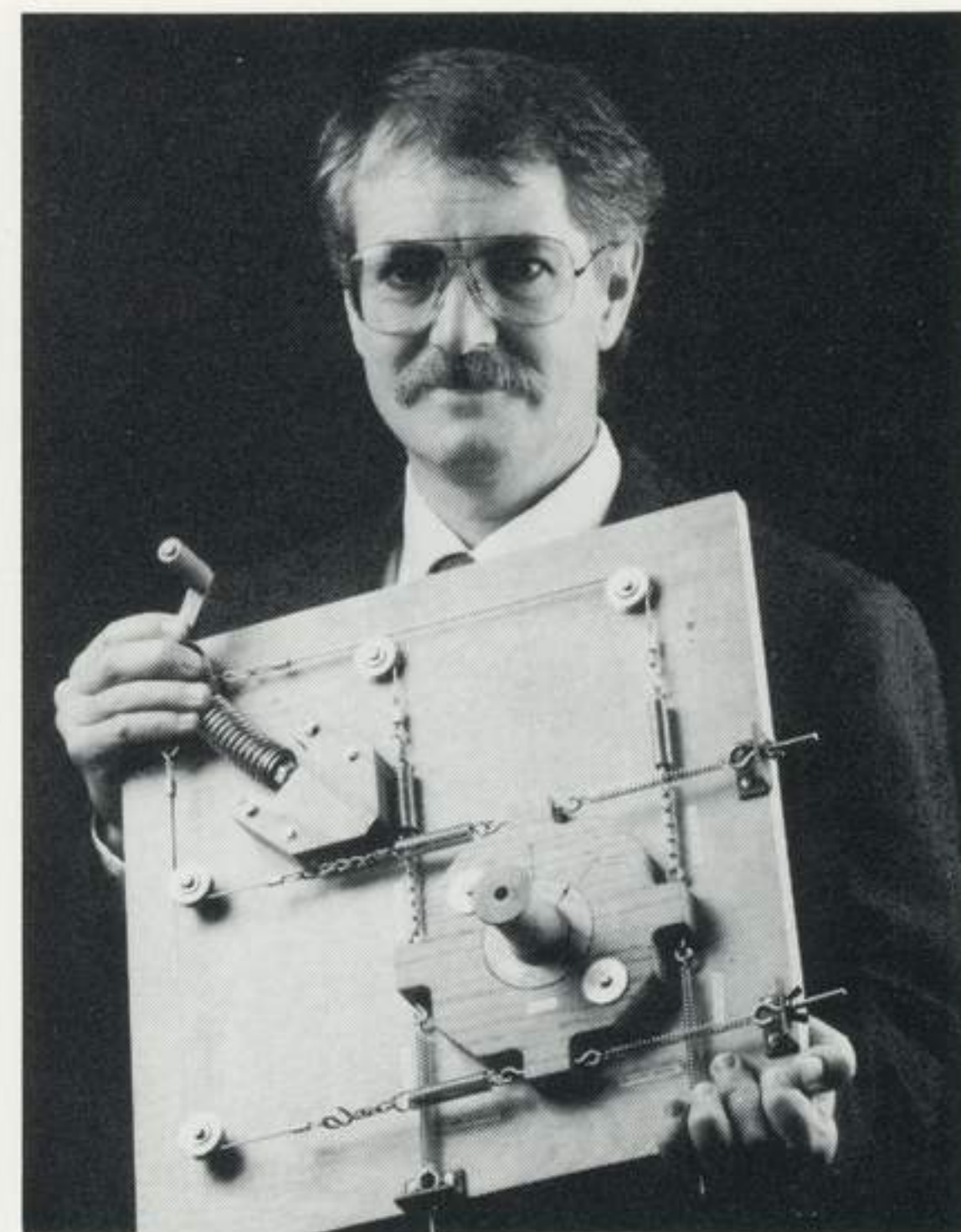
The Astronautics Group will compete in 1988 and early 1989 for a number of key programs, including the missile launch car for the small intercontinental ballistic missile, a contract to build the Flight Telerobotic Servicer under study, several Commercial Titan contracts, and classified projects that will lead to major new business.

Teets repeatedly focused on the group's need to increase productivity and efficiency significantly. "I'm convinced that we can achieve a 40-percent increase in productivity," he said. In this effort, Project Challenge, productivity improvement and process simplification programs will be vital. Teets also emphasized the need for strengthened subcontract management, especially major subcontracts in 1988 and beyond. He noted that approximately 50 percent of the value of our contracts goes to subcontractors, in citing the need for diligent management of this work.

Teets said the reorganization of the Astronautics Group and formation of the four companies "concentrates operational responsibilities in highly focused business units."

In discussing goals for 1988, "We must improve our performance," Teets said. "We need to establish a new product area; something new, not just an outgrowth of existing business. And we will win new business."

The Astronautics Group is "a national or international leader in three areas: space launch systems, spacecraft systems and strategic systems," Teets said. "We are leaders in a broad spectrum of technologies and I'm proud of this organization." ■



Bill Nygren is holding a model of his "Piezo-electric Ceramic Torque Motor." The high torque motor has potential use in robotics and space mechanisms.

New technology, inventions lauded

Eighteen employees were granted awards recently for their inventions by the Intellectual Property Review Board, and three earned awards from the New Technology Evaluation Committee.

The inventions and patents program encourages creative effort toward the improvement of company products, advancement in scientific fields and disclosure of significant technical contributions that may result in recognition and awards for employees.

The following employees (from Space Systems, unless noted) received cash awards for their inventions: Graham W. Flint, Laser Technology, "Infrared Scene Generator;" Max E. Nielsen and Russell R. Mellon, Zenith Star program, "High Precision Angular Encoder;" Dr. Harold A. Papazian, Central Labs, Technical Operations, "Air Contamination Monitoring on Space Station," "Novel Inlet for Mass Spectrometers," and "Ultraviolet Scene Generator;" Dr. Wayne E. Simon, Systems Operations, "A Method for Production of Thixotropic Slush Hydrogen;" Benny M. Gothard and Richard G. Holland, Research and Technology, along with co-inventor George P. Celvi, System Architecture Design and Integration, I&CS, "REAL NET—Real-Time Local Area Network Software;" Czeslaw Deminet and George H. Luke, Laser Technology, "Laser Welding of Lightweight Honeycomb Mirrors;" Ronald D. Eicher and Tim K. Charles, Research and Technology, and Colin A. McIssac III, Electronics, Space Launch Systems, "Low Voltage Piezo Actuator Driver (LVD);" Karyn S. Downs, Central Labs, Technical Operations, "New Paint Concept to Assist in the Visual Detection of Water Leaks;" William D. Nygren Jr., Defense Sys-

SIP values

Unit values for the savings and investment plan (SIP) for employees represented by United Aerospace Workers (UAW) and United Plant Guard Workers of America (UPGWA) in November 1987 (October values in parentheses) are:

Fund A:	indexed equity
0.8200430270	(0.9027353266)
Fund B:	fixed income
1.0241591996	(1.0228900066)
Fund C:	company stock
0.7856356052	(0.8011810049)

PSP values

Unit values for the performance sharings plan (PSP) for salaried employees in November 1987 (October values in parentheses) are:

Fund A:	indexed equity
3.7664200578	(2.7946963185)
Fund B:	fixed income
2.8179579187	(2.7946963185)
Fund C:	company stock
4.0219476006	(4.0859309031)

MARTIN MARIETTA NEWS
Published by Public Relations
Editor Jan P. Timmons
MARTIN MARIETTA
ASTRONAUTICS GROUP
P.O. BOX 179—Denver, CO

January 15, 1988

continued on page 4

continued from page 3

tems, "Piezoelectric Ceramic Torque Motor;" Dean S. Espitallier, Special Programs, "Fiber Optic Coherent Signal Spatial Integrator;" and Dr. Donald F. Shepard, Research and Technology, and Robert J. Fenolia, Mechanical Materials Engineering, Space Launch Systems, "Boron Coating."

Three Astronautics Group employees were granted awards by the New Technology Evaluation Committee. The new technology clause in each NASA contract (and subcontract) requires that employees charging to those contracts must report promptly any invention, discovery, improvement or innovation conceived or successfully built and tested under the contract or subcontract.

The following employees received cash awards for their new technology disclosures: Eric E. Bachtell, Defense Systems, Space Systems, and Walter F. Thiemet, Central Labs, Technical Operations, "Direct Tieback Antenna Reflector;" and Dr. Harold A. Papazian, Central Labs, Technical Operations, "Re-sealable Valve, Programmable Vent." ■

Rebadging changes set by Security

Astronautics Group and Information & Communications Systems (I&CS) employees who are transferring between the two organizations must report to the Astronautics Group Security department for rebadging, and completion of the clearance transfer action, if applicable.

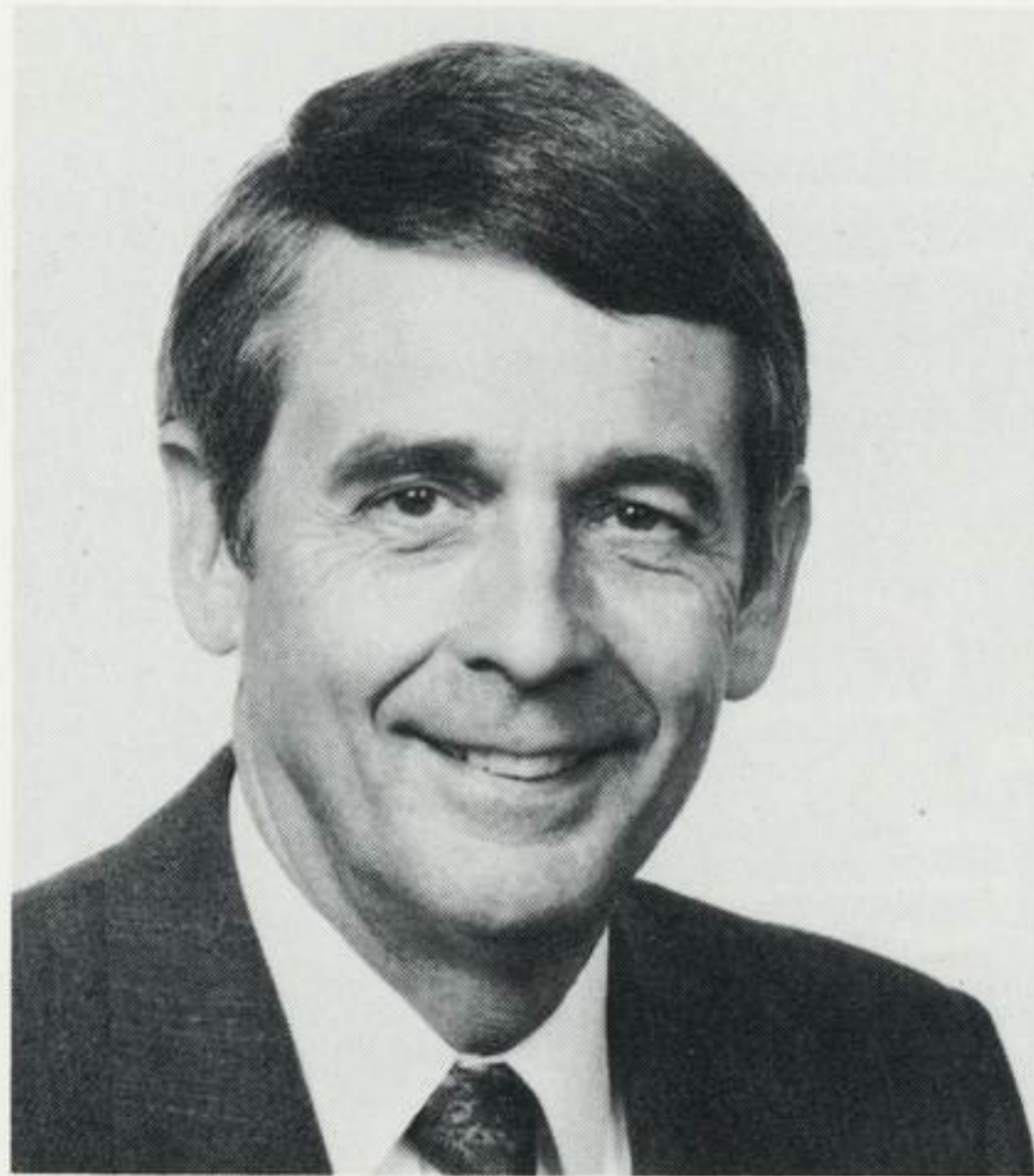
I&CS became a separately cleared contractor facility within the Defense Industrial Security Program in October 1987. The Department of Defense (DOD) requires a formal written notification of the transfer of cleared employees between the two separately cleared organizations.

Because the Astronautics Group Security department still maintains the personnel security clearance files for employees assigned to both organizations, all transferring employees (cleared and uncleared) must coordinate with Astronautics Security at Ext. 7-3249 or 7-6843 for clearance processing and rebadging. Transferring employees must bring either a completed employee clearance and release form or a lateral transfer checklist, as directed by their Personnel department representative.

Because the Astronautics Group and I&CS must continue to process personnel security clearances within ceiling levels imposed by the DOD, the security clearances of transferring employees can not be transferred arbitrarily. An employee transferring from I&CS must process a Request for Clearance form through the I&CS Security office before reporting for rebadging. Employees transferring to the Astronautics Group must process the Request for Clearance form through their new department before reporting for rebadging.

Any questions regarding the procedure should be directed to Jerry Scherer, Ext. 7-6953; for Astronautics Group Security, or to John Major, Ext. 7-2677, for I&CS Security.

Cook to head Technical Operations



Cook

J. Richard Cook has been named vice president of Technical Operations for the Astronautics Group. In this position, he is responsible for the technical operations of the four Astronautics companies, including policy, technical oversight, and research and technology operations.

His responsibilities also include Project Challenge and central laboratories.

Volunteers sought as JA instructors

Enthusiastic employees with business expertise are needed to support Junior Achievement (JA) programs during the current school semester.

JA is a national, non-profit organization whose purpose is to provide economic education programs to students in grades five through 12. Two employees are needed as consultants for each project business. The program is part of JA and supplements a social studies class of eighth or ninth grade students. The employee consultant visits the classroom one hour a week for 10 weeks, starting in February.

One employee is needed as an applied economics instructor. In high school programs, students start and operate their own company, using computer software and textbooks.

Employees interested in participating should contact Lori Sharp, Ext. 7-6605 or 7-6750, by Jan. 25. ■

Computer contingency plan set for weekend

A test of the IBM mainframe computer contingency plan is scheduled to begin at 10 p.m. Saturday, Jan. 16, and will end at 4 a.m., Sunday, Jan. 17.

The test affects all IBM mainframe users at all Martin Marietta sites in the Denver area. It is not expected to extend past the normal outage period. For more information, contact Marilyn Carroll, Ext. 7-4030. ■

In related organizational changes, Warren Beery becomes vice president and chief engineer for the Astronautics Group, reporting to Cook. In this position, he administers the research and technology plan for the Astronautics Group and oversight for all engineering operations.



Beery

John Goodlette has been named to the newly created position of vice president and chief engineer for the Space Systems Company. In this position, he is responsible for development of new technologies vital to the future of Space Systems and the Astronautics Group, and engineering oversight for current Space Systems contracts.



Goodlette

These changes, announced Jan. 12 by Peter B. Teets, president of the Astronautics Group, became effective immediately. ■

REMEMBER!

Sign an Organ Donor card...

It's one New Year's Resolution that's easy to keep!



©1986 National Kidney Foundation, Inc.

ORGAN DONATION... The GIFT of Life!

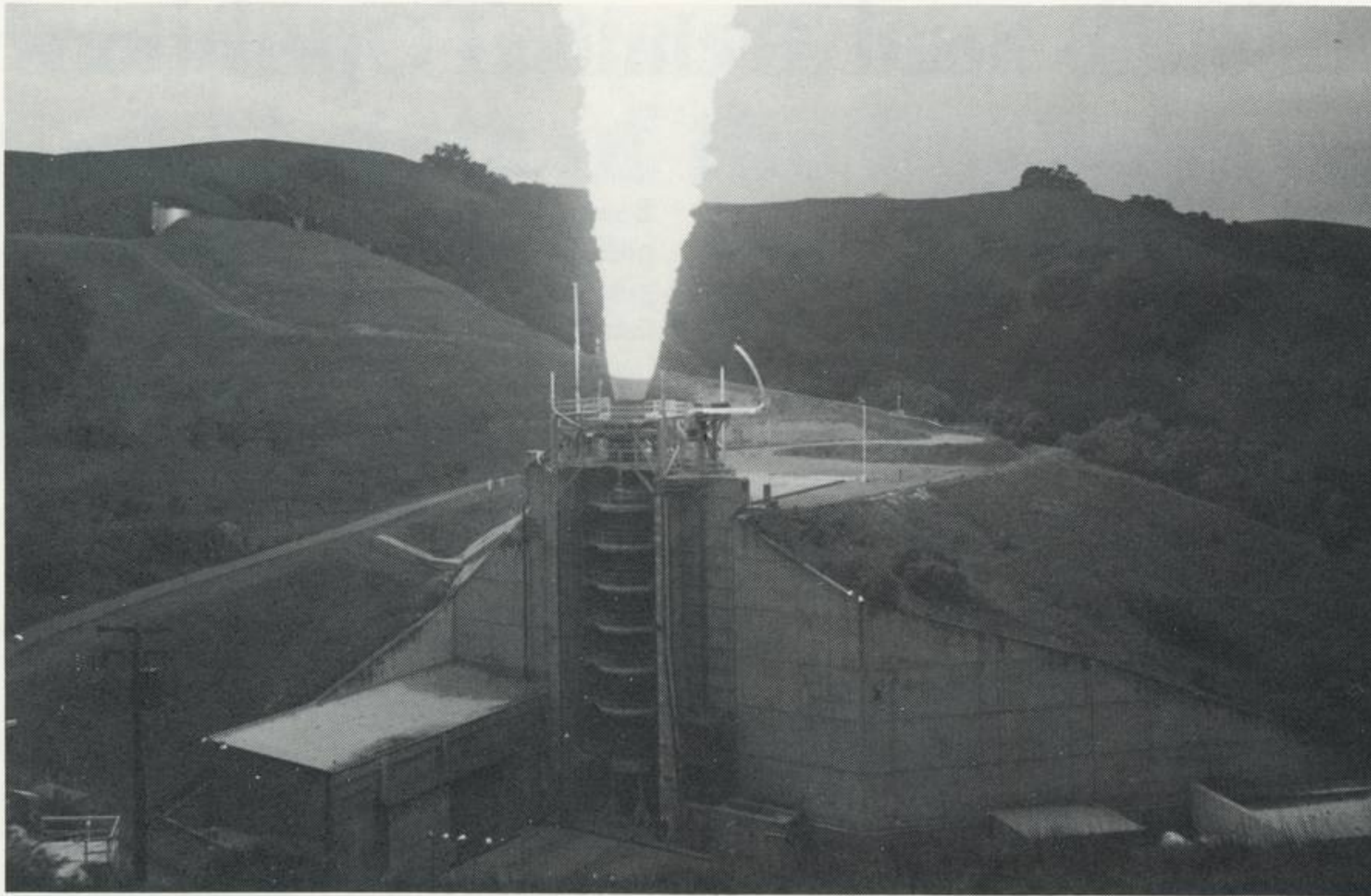


NATIONAL KIDNEY FOUNDATION, INC.

for information contact:

NATIONAL KIDNEY FOUNDATION of Colorado, Inc.

1805 S. Bellaire, #301 • Denver, Colorado 80222
(303) 759-5151



This ground-level view shows a rocket upside-down as it is tested successfully for the Air Force's heavy-lift Titan IV space launch vehicle. Two motors will be used on each Titan IV and will provide 70 percent of the power needed to obtain low-Earth orbit. The test was made by United Technologies Chemical Systems Division in the mountains south of San Jose, Calif.

Titan IV solid rocket motor successfully test fired at CSD

A significant milestone for the Air Force's Titan IV program was achieved Dec. 21 in California with the successful static firing of its 1.6-million-pound thrust large solid rocket motor (SRM) by United Technologies Chemical Systems Division (CSD).

CSD is under contract for the SRMs to Martin Marietta Space Launch Systems. Space Launch Systems company is developing the Titan IV space launch vehicle for the U.S. Air Force Space Division in Los Angeles.

Two SRMs of the type tested will have a major part in more than doubling payload weight that can be placed in geosynchronous orbit 23,000 miles above the Earth.

Each SRM is the most powerful propulsion unit used in the Titan IV. Two motors of the

type tested will produce 70 percent of the propulsion power needed by the main vehicle to attain low-Earth orbit.

Fired in a 2-minute ground test in the mountains south of San Jose, Calif., the nearly 700,000-pound motor produced a plume of fire and smoke that initially rose some 800 feet into the sky. The thrust, created when propulsive gases from nearly 600,000 pounds of propellant were squeezed through a narrow nozzle throat, caused a rumble of low frequency noise heard, in varying degrees, throughout the San Jose area.

The SRM test is one of two scheduled to verify the motor's design and to qualify it for flight. A second ground firing is scheduled for February 1988.

Videotapes of President Reagan's visit now available for purchase

Three videotapes covering President Reagan's visit to Martin Marietta on Nov. 24, 1987, are available for purchase by employees from Denver Dubbing. The tapes vary in length—15 minutes, 29 minutes, and 50 minutes. Each costs \$13.

The 15-minute videotape, which should cover most employees' interests, highlights Reagan's visit, including some of his speech. The 29-minute tape includes Reagan's entire speech and highlights of the visit. The 50-minute tape covers the entire event, including

the visit highlights, the President's entire speech and the entire panel discussion.

Employees may purchase tapes by calling Denver Dubbing at (303) 790-2271, and giving their MasterCard or Visa charge numbers, or by sending a check with their choice of tape length to Denver Dubbing, 99 Inverness Drive East, Englewood, Colo., 80112.

All of the video cassettes are available in 1/2-inch VHS or Beta formats.

Software users guidelines set

Martin Marietta does not condone the violation of any software licensing agreement, willfully or otherwise, for any reason, according to Harry Goering, microcomputer user team chairman, Information Systems.

Various software sets are supplied with each hardware system at Martin Marietta. Every system is supplied with standard software packages to avoid an environment that could foster violation of licensing agreements.

Each software package has its own restrictions and conditions, and the agreement must be read before opening the package. Licensed software, in most cases, legally may not be copied for another person's use, for the owner's use on another system, or for use by other people using the original systems.

Users are obligated to read and follow the licensing agreements.

If non-standard software is purchased directly by the using organization even acting as a procuring agent for a Martin Marietta customer, it is required that the Martin Marietta Legal department review all licensing agreements. A "Thou Shalt Not Dupe" brochure will be produced and distributed with all new systems delivered in 1988. ■

Teets endorses savings bonds

Peter B. Teets, president of the Astronautics Group, has been named the 1988 Denver-area chairman for the year's savings bond campaign. He encourages employees to take advantage of U.S. savings bonds.

The semiannual market-based interest rate for United States savings bonds, in effect from November 1987 through April 1988, has been set at 7.17 percent, the Treasury Department announced.

The rate is 85 percent of the average market yield on five-year Treasury marketable securities during the preceding 6 months, which is 8.44 percent.

Bonds must be held 5 years or longer to receive market-based rates. Series E bonds, savings notes and Series EE bonds issued through April 30, 1983, begin receiving market-based yields—retroactive 5 years—as they reach their semiannual interest dates on and after Nov. 7, 1987. The yield on these bonds, held through the first 5 years of the market-based interest program, is 8.75 percent.

"Not only has the semiannual rate gone up to keep pace with the market, but the initial market-based yield—8.75 percent—provides long-term bond holders with the competitive return the Treasury intended when it switched to the market-based rate system in November 1982," said Jerrold B. Speers, executive director of the U.S. Savings Bonds Division. ■

Recreation/employee services

Denver Symphony Orchestra—Martin Marietta employees can receive a 50-percent discount on all 1988 classical, pops, chamber and family concerts (Great Artist recitals not included). Obtain a discount flyer from the recreation racks. Tickets may be ordered in advance by mail or the discount flyer can be redeemed at the symphony box office. Tickets are subject to availability.

Get a Fresh Start—Free smoking cessation classes are offered to all Martin Marietta and Air Force personnel, their spouses and dependents from 5-6:30 p.m. at Goddard Junior High School, 3800 W. Berry Ave., Room 208. Each class consists of four meetings: Jan. 18, 21, 25 and 28; and Feb. 15, 18, 22 and 25. To register, obtain a form from the recreation racks and mail it one week before the class begins to Employee Services, Mail Stop 1344.

The Waterton Computer Club—The club's bulletin board phone number is Ext. 7-7096, after normal work hours and on weekends. All Martin Marietta employees are welcome to log on. The baud rate is 2400/1200/300, with one stop bit, no parity.

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

LSC Toastmasters—The club meets at 4:30 p.m., Wednesdays, in Room 217 at LSC. Contact Kathy DeWitt, Ext. 7-0397.

Commodore Users Group—The group will meet at 5 p.m., Tuesday, Jan. 19, in the clubhouse at the recreation area. Contact Chuck Barton, Ext. 7-9950.

Volleyball—Entry rosters and fees are due by 4 p.m. Jan. 15 for competitive, semicompetitive, open and recreation leagues for the spring volleyball leagues. Obtain an entry form from the recreation racks and take it to the Recreation department, Room 124G, in the Engineering Building at Waterton.

Rocky Mountain Alpine Club—January cross-country ski trips: Jan. 16—mystery trip for all levels of skiers. Contact Steve Ahmann, Ext. 7-8693. Jan. 23—Shrine Pass, skiing from the top of Vail Pass down to Redcliff. Easy and gentle terrain for novice and expert skiers. Contact Frank Farrel, Ext. 1-1576. Jan. 30—St. Louis Creek. Enjoy a day in the Colorado wilderness, for beginner and intermediate skiers. Contact Rich Nicholson, Ext. 7-2495. To participate, phone the employee contact by the Wednesday before the scheduled trip.

Martin Marietta Barber/Styling Shops—The shops are at the following locations: Waterton, basement, Engineering Building, barber/stylist: Bill Baker, Tuesday through Friday, 6 a.m. to 3:30 p.m.; contact Ext. 7-3029. LSC, barber/stylist: Bill Baker, Monday and Friday 6 a.m. to 3:30 p.m.; contact Ext. 7-0560. Greenwood Commons, Bldg. 6050, barber/stylist: Deb Baker, Monday and Tuesday, 6:30 a.m. to 3:00 p.m.; contact Ext. 7-1321. DSC, basement, Tuesday through Thursday, 6:30 a.m. to 5 p.m.; contact Ext. 7-9157.

Funplex Discount—Coupons offering one free activity (bowling, skating or miniature golf) with the purchase of the same activity at full price are available from the Recreation office, located in Room 124, Engineering Building, from 10:30 a.m. to 12:30 p.m. and 1-3:30 p.m. daily. Coupons also are available from volunteer recreation representatives.

Copper Cards—A Copper card holder can purchase discounted \$22 adult lift tickets at the Copper Mountain ski area. The card also offers a free day of skiing after April 1, and provides discounts on lessons, lodging and restaurants. Cards are available from the Employee Services/Recreation office for \$7 through Feb. 18. Purchase cards from the Employee Services/Recreation office or from volunteer recreation representatives.

Breckenridge Discount Coupons—Coupons offering the \$21 adult lift ticket or an all-day lesson for \$21 (regular price is \$30) are available from the Employee Services/Recreation office or from volunteer recreation representatives. Coupons are redeemed at the ski area.

Fathom Divers Scuba Club—The Employee Services and Recreation office will have a special meeting of the Fathom Divers Club at 7 p.m., Thursday, Jan. 21, at DSC, Room 200C, to elect club officers. All club members are urged to attend.

Parapsychology Club—Members and guests meet monthly from 5-7 p.m. on the third Thursday in the cafeteria at LSC. The next meeting is Jan. 21, with guest speaker, Jack Young, a local Denver psychic. Non-employees are welcome to attend. Corporate policy requires a minimum age of 16. Employees are responsible for providing escorts for their guests. Name of guests must be given to Janna Winkel, Ext. 7-7814, DSC, or Helen Hussander, Ext. 1-6887, SouthPark West II, 24 hours before the meeting.

Flag Football—In a city flag football tournament Dec. 5-6, a Martin Marietta-sponsored team fought through a series of back-to-back games to win second place. Congratulations to all the Wildcats who participated: Harvey Gold, Ken Biggio, Dave (Andy) Anderson, James Colby, Paul McCulloch, Stratty Cunningham, Fred Garrett, Rich Herzog, Robert Kerfoot, Eugene Lockhart, R. P. Newman, Todd Myers and Rick Scheme.

Math Clinic—A mathematics clinic entitled Learning Networks, sponsored by Martin Marietta, will be offered at the University of Colorado at Denver beginning Jan. 20. Contact Dr. Wayne Simon, Ext. 7-3449, for more information.

PSP limits set for six months

The test that determines the maximum allowable before-tax contribution to the performance sharing plan (PSP) has been completed for the first half of 1988.

Employees whose base compensation as of Nov. 30, 1987, exceeds \$52,750 will be limited to before-tax contributions of 10 percent of base salary, or \$7,385, whichever is less. The limit takes effect with the Jan. 22 payroll for exempt employees and the Jan. 14 payroll for non-exempt employees.

The estimated "blended rate" in Fund B (all guaranteed insurance contracts with selected insurance carriers) will be approximately 9.7 percent in the 1988 calendar year.

For more information, contact the Employee Benefits Office, Ext. 7-5609. ■

Science institute seeks applicants

Student application forms for the 1988 Frontiers of Science Institute are available for the eight-week course that begins June 13 at the University of Northern Colorado in Greeley.

High school juniors in any public, private or parochial school, who have interests and aptitude in science and mathematics; or biology, environmental, archeology, geology, and physical sciences, are eligible to apply.

The Frontiers of Science Institute is sponsored by the University of Northern Colorado in cooperation with many Colorado organizations. Approximately 32 scholarships for Colorado students are provided by the sponsors. The institute selects activities to encourage students to continue with advanced study and a career in the sciences.

Call Fitzroy Newsum in Public Relations, Ext. 7-5250, to obtain an application or for more information. ■