

MARTIN MARIETTA

news

DENVER AEROSPACE

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On the cover

Titan I display renewed in Florida

After refurbishment and painting, the Titan I on the cover was erected in front of Patrick Air Force Base technical laboratory along Florida's coastal highway A1A. It replaced a Titan I that was erected in 1961.

After standing for 20 years in one of the most corrosive salt air environments in the world, the missile became a safety concern.

Air Base officials did not want to relinquish the impressive display which has been the delight of thousands of tourists travelling Florida's space coast. The Air Force's Eastern Space and Missile Center obtained a replacement Titan from the rocket propulsion laboratory at Edwards Air Force Base.

The missile had been in storage at the desert location for about 12 years and was in excellent condition. It was originally sent to Edwards with other Titans to be used in the laboratory's blast-hazard test program.

Louis Vittor of test operations at Canaveral operations, and Robert D. Kelly, engineering, assisted during the removal and erection operations. Vittor was involved in erecting the original display in 1961.

Awards made for new technology

John V. Coyner Jr. and Michael Wakefield have received cash awards for new technology developed on NASA contracts.

Coyner, engineering mechanics, received his award for developing a new technology for an integrated offset feed mast.

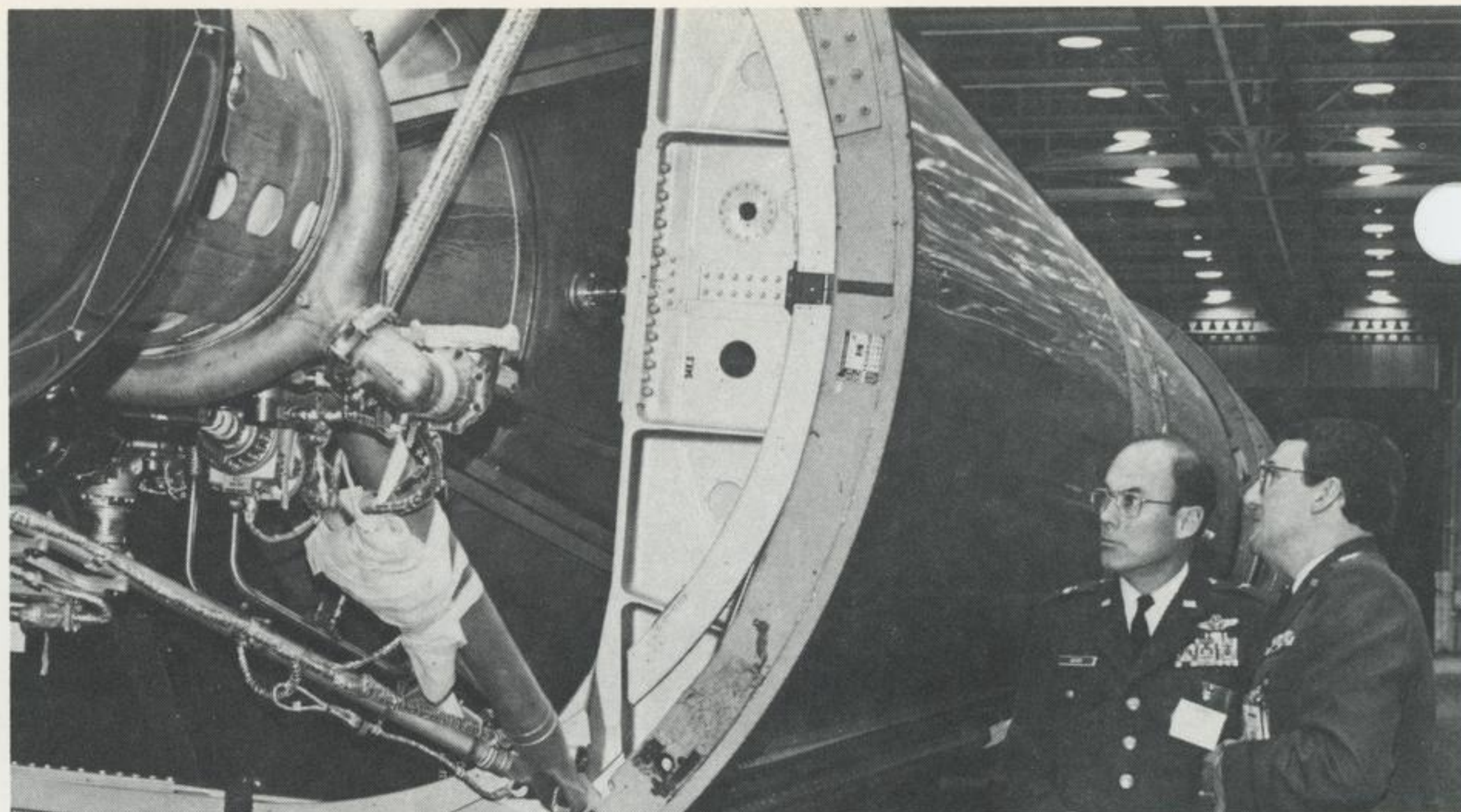
Wakefield was honored for work on a propellant handler's ensemble. He is in spacecraft systems.

New director named for system test department

Paul R. Brown has been named director of the system test department. He replaces J. Richard Cook, who was recently named director of software and operations at Vandenberg operations.



Brown, who reports to Robert J. Polutchko, vice president for technical operations, was program manager for the solar energy systems projects at Barstow, California and Almeria, Spain. He has been with Denver Aerospace 22 years, beginning his career in the training department.



A Titan 34D in fabrication was checked by Brig. Gen. James C. Dever Jr., left, commander of the Air Force Contract Management division at Kirtland Air Force Base, during a January visit. With general Dever is Col. Kenneth G. Haug, the Air Force plant representative here.

NASA awards add-on to CCMS contract

Solar plant nearing completion in Arizona

With more than 50 percent of the major elements installed, the work on the photovoltaic solar power plant at Sky harbor International airport is on schedule.

The installation near Phoenix is being built for the Arizona Public Service Company and will supply electricity to the area's main power grid system. The 225-kilowatt facility uses 80 solar arrays and a Sun-tracking system designed and built in Denver.

Cecil Schumacher, project manager for the work, reports system testing is under way. The project is scheduled to be completed in late February.

Employees urged to report community service activity

A large number of Denver Aerospace employees are contributing personal volunteer services to communities and organizations, ranging from support of scouting to serving on the Governor's Front Range Task Force or regulatory agencies.

Since most employees perform these services quietly, the extent of their involvement is impossible to determine from available files or records.

The public relations office is attempting to acquire this information. Forms reporting it will be in the portable bulletin board boxes Tuesday, February 2. Employees are encouraged to complete the forms so that appropriate records may be maintained. Those who would like to volunteer for service with an organization may also use the form to make this information known.

A multi-million dollar addition to the checkout, control, and monitor subsystem contract has been awarded by NASA for work at Kennedy Space Center and Vandenberg Air Force Base.

Under the contract, Denver Aerospace will provide hardware for firing room 3 of KSC's Space Shuttle launch control center, which is being prepared for regular Shuttle operations. Similar equipment will also be provided for the Shuttle launch processing system at Vandenberg.

The value of the contract addition is more than \$9 million, bringing the total value of the contract since 1975 to more than \$111 million.

The checkout, control, and monitor subsystem is composed of consoles, mini computers, a large mass storage unit, and related equipment. It is used to process and launch the Shuttle. Firing room 3 will be a duplicate of firing room 1 from which the Shuttle's developmental launches have been controlled. Firing room 2, located between 1 and 3, will be used to develop software for the subsystem.

Slide show available on 1981 business review

A 35 mm slide show with sound track that reviews the Denver Aerospace 1981 business activities is available for showing to employees and community groups.

The 14-minute show, titled "Building on Success," can be scheduled through photographic services. Equipment for presenting the show should be scheduled through photographic services.

For presentation to small groups, the show also is available on three-quarter inch video cassette, which can be borrowed from the public relations office.

Product integrity engineers receive course certificates

Awareness dinners were held recently in Denver and in Vandenberg for employees who completed the product integrity engineer (PIE) course held by the strategic systems division.

John McCorkle, director of technical operations for the strategic systems division, presented the certificates and cited the "importance... of the product integrity engineer in the overall success of the company's engineering efforts and especially in the MX program."

The three-day course reviewed in detail the broad scope of PIE responsibilities and emphasized the Martin Marietta system and the MX-peculiar tasks.

Those completing the course in Denver were:

Mark Gardner, Peter Myers, Don Sprengeler, Fred Carraher, Billy Bateman, P. K. Chatterjee, Dean Adams, Joe Scala, Cathy Flowers, Bill Abergast, Paul Groeger, Weston Jeffrey, Richard Pomeroy, Daniel Smith, Ming Yee, R. Ivan Sundell, Robert Eggleston, G. William Raynor, Bruce Smith, Joseph Stolarczyk.

John Schroeder, Gerald Scott, Everett Tindall, Gary Christian, Peter Argo, James Wills, David LeFors, Broan Gallagher, Louis Skoglund, Donald Tracy, Sharaon Weber, James Grater, Charles Simon, James Stephens, Ralph Bauer, Harlan Welch, John Lang, Joseph Ragole, James Czaplicki, Darryl Whiteman, Jerry Ottenbacher.

Thomas Milligan, Dale Cochran, Steven Kraft, Ronald Metz, Kevin Bughner, Leon Braunagel, Gary Gilkey, Mark Papsan, Ronald Loftus, Raymond Marshall, George Sahl, Peter Kunzler, James Maeder, Paul Treide, James Berenbaum, and Kenneth Echols.

Those completing the course in Vandenberg were:

Charles Oneto, Alan Fitzgerald, Bill Sloan, Sherry Yee, Wilford Raper, Alton King, Charles Wilson, Ronald Bentley, John Shandor, Thomas Bruketta, Elton McGehee, J. D. Birdwell, John Stahlhut, John Phipps, Daniel Coonan, Lester Hicks.

Ben Rizzuto, John Weeks, Warren McGahagin, Francis Podorski, Lynn Phinney, Robert Towns, Warren Scott, and Bernard O'Kelley.



Discussing the external tank program at Michoud during a recent visit was, at right, Maj. Gen. James A. Abrahamson, NASA associate administrator for Space Transportation Systems. He is talking to, from the left, Jack Lee, deputy director of the Marshall Space Flight Center; Richard H. Truly, Space Shuttle astronaut; and Dr. Mathias Siebel, NASA manager of the Michoud assembly facility.

Corporation president comments on safety

Thomas G. Pownall, president of Martin Marietta, has written the following letter to all Martin Marietta employees.

More than 100 Martin Marietta operating units worked the 12-month period ending November 20, 1981, without a single lost-workday injury. This contributed to a 46 percent reduction in the Corporation's lost-workday incidence rate, and I extend my appreciation and congratulations to all of you who helped to achieve this significant improvement in our safety record. We should all be pleased and proud of this fine accomplishment.

Now for the bad news: 41 of our associates at other locations sustained serious injuries—injuries so severe that these fellow workers either lost a month or more of work or suffered a permanent partial disability. Further, although none of our employees was fatally injured, accidents this year did claim the lives of four contractor people working on Martin Marietta property.

I am certain that we can all agree that even a single injury can mean a great deal of personal pain, family hardship, disruption to careers, and reduced job performance. We can also accept, I believe, that although a risk-free working environment is difficult to attain, we cannot accept less. I am calling on each Martin Marietta employee, at every level, at every operation and office, to help identify potential hazards, and help to correct them in order that we may have high prospect of achieving an accident-free workplace for everyone in this Corporation.

Logistics engineers to hear state director

The Denver Chapter of the Society of Logistics Engineers (SOLE) will hold its winter meeting February 10 at the Rodeway Inn on south 1-25. Donald Milner, state director of the society, will be the featured speaker.

Employees interested in the profession of logistics are invited to attend. Tickets and information for the 5:30 pm event may be obtained from Neil Crowder, Ext. 7503.

Milner will speak on "The Professional Society—its Benefits and Responsibilities."

Junior Achievement advisers are needed

Employees with business administration, production, sales, or finance experience are needed to become advisers for Junior Achievement companies sponsored by Denver Aerospace and Data Systems.

Those interested may contact Lori Sharp, the JA coordinator here, at Ext. 6750.

General, astronauts visit at Michoud

The Michoud division was host to three distinguished visitors recently.

Joe H. Engle and Richard H. Truly, the crew of the second Space Shuttle mission, and Maj. Gen. James A. Abrahamson, NASA associate administrator for Space Transportation Systems visited the division January 13.

During a welcome-home ceremony, the astronauts thanked employees for their work on the external tank.

"You all did just a super job," said Truly. "We had the greatest confidence in the ET and that was sure comforting."

Engle and Truly showed films of their mission and told employees the highlights of their flight.

"We had a hard time getting to sleep at night. It was too tempting to just stare out the window. You can't believe how beautiful it was," Engle said.

General Abrahamson and members of his staff visited Michoud to review the external tank program.

MARTIN MARIETTA NEWS

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

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External Tank Operations (KSC): Melodie deGuibert 3160
Vandenberg Operations: William Leary 2202

DENVER AEROSPACE

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January 29, 1982

Canaveral employees are honored for performance

Forty Canaveral operations and employees were honored at year end for "sustained superior performance" in support of space launch systems divisions programs at Cape Canaveral and Kennedy Space Center.

Felix J. Scheffler, director of launch vehicles in the space launch systems division, presented vice president awards along with silver replicas of Titan 34D and the Space Shuttle to those honored.

Honored were: Barbara J. Andrews, Martin S. Blankfield, Thurman C. Coberly, John A. Cunningham, Donna R. Dean, Joseph A. Di Gristine, William L. Dimoush, Alfred E. Dorais, Nicholas T. Geso, William C. Gilliam Jr.,

Donald E. Haas, Lois E. Hanshaw, Edison L. Heim, Ronald Hill, Charles L. Holste, Joseph L. Hostetler, Roy R. Hunter, Larry E. Jarrell, Lynn H. Johnson, Jack Johnston, Brooks E. Kilgore, Thurston M. Lankford, Joseph C. Lohman, William F. Masterson, Robert T. Matschner, H. Ritchie McConahy, Wendell R. McDaniel, Richard McElligott, Robert E. McKinney, Thomas H. Munro,

Gordon A. Newman, Joseph L. Parrish, Arch D. Smith, Charles S. Vogt, Sidney J. Warren, Griffin D. Watkins, James P. Weatherford, Robert E. Williams, Arthur Winkel, and O. Neal Wolfe.

Vandenberg operations earns security award

Vandenberg operations received the top Department of Defense security award in December ceremonies at Vandenberg Air Force Base.

Nationally, only 23 firms out of approximately 13,000 having Department of Defense security clearances to perform on classified contracts received the award.

Winners are chosen based the degree of security consciousness and cooperation by management; effectiveness of employee security education and motivation programs; security practices and procedures; and the ability to sustain progressive security programs.

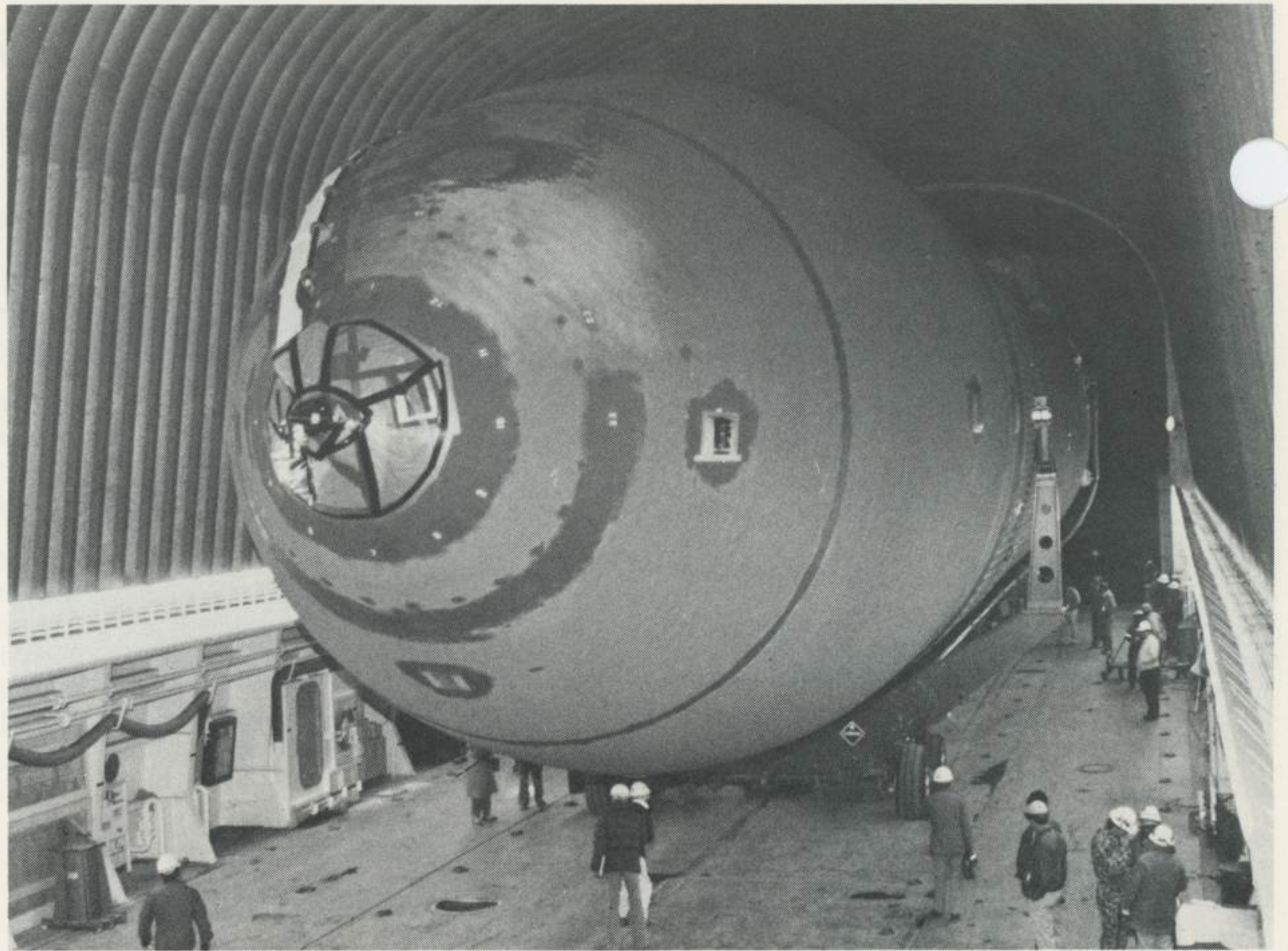
Master bowlers to compete in tourney

The champion and runner-up in the 1982 Martin Marietta Masters' bowling tournament will compete in February in the Denver Masters' tournament.

Ronald Young, who took the championship with 1432 pins, and Terry Lasky, the runnerup with 1419 pins, will represent Martin Marietta in the tourney.

Ninety-eight bowlers competed in the Martin Marietta Masters' tournament held January 9 and January 16 at the Broadmoor Bowl.

Other finalists in the tournament were Jess Deal, third; Donald MaKuch, fourth; Kenneth Robak, fifth; Steve Kruzek, sixth; Donald Wieser, seventh; and Daryl Wetzal, eighth.



The external tank for the fourth Space Shuttle flight is rolled onto the barge Orion at the Michoud division. The tank left New Orleans January 17 for the trip to Kennedy Space Center. At KSC, the tank will be prepared for the mission planned for mid-1982.

KSC operations earns Safety Council award

Kennedy Space Center external tank operations has earned the National Safety Council's aerospace award of merit for its 1980 safety record, it was the first year the organization was enrolled in the award program.

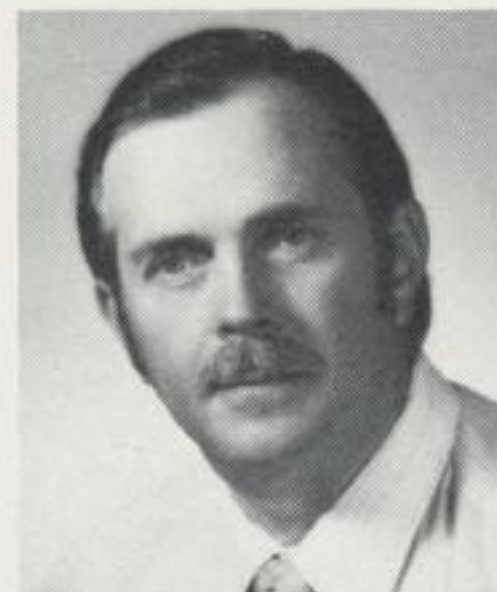
The award of merit is presented to those organizations with a record of 1,000,000 to 2,999,999 manhours worked without a lost-time injury.

Employees at KSC worked 1,439,404 manhours without a lost-time injury in 1980 and continued their perfect record in 1981, upping it to 2,072,465 hours worked without a lost-time injury.

The safety department is headed by Howard C. Robbins. Others in the group are A. J. Dean, Robert Kellenberger, Thomas Levitt, and Stanley Cross.

Employee of the year is named at Michoud

Stuart Russell has been named employee of the year at the Michoud division. He was chosen from the 3,450 employees who build the external tank for Space Shuttle.



A senior test engineer, Russell is responsible for proof testing the external tank's liquid hydrogen tank. He is responsible for successfully designing, installing, and overseeing a new computer checkout system that verifies the strength of the tank's weld faster, cheaper, and more safely.

Nuggets tickets to be available February 2

Department administrators may pick up tickets for employees who chose to attend Nuggets basketball games at the recreation office Eng. 124G from 10 am to 4 pm Tuesday, February 2.

Employees who selected the February 19 game with San Antonio will receive tickets for their second choice game because of a change in game time. The game will be played at 5 pm instead of 7:35 pm. The change was made by the Nuggets. Employees who may still wish to attend that game even at the earlier time, may exchange tickets at the recreation office.

Tax forms available from recreation

Federal and Colorado State income tax forms are available from the recreation office and from recreation representatives.

The recreation office is in module 124G of the engineering building. Representatives are Kay Shuey, DSC II, Mod 263; Barbara Elder, Greenwood Commons Bldg. 8100, second floor, office H; Lucy Winka, South Lincoln, personnel representative office; Inverness Bldg. 98, personnel office.

Tax forms are also available at area post office, major banks, and public libraries.

Credit union to assess service charge only on IRAs

The Red Rocks Federal Credit Union will assess an \$8.00 service charge only on IRA accounts. Some members misread the article on IRA accounts and assumed that the charge would be placed on all regular member accounts.