

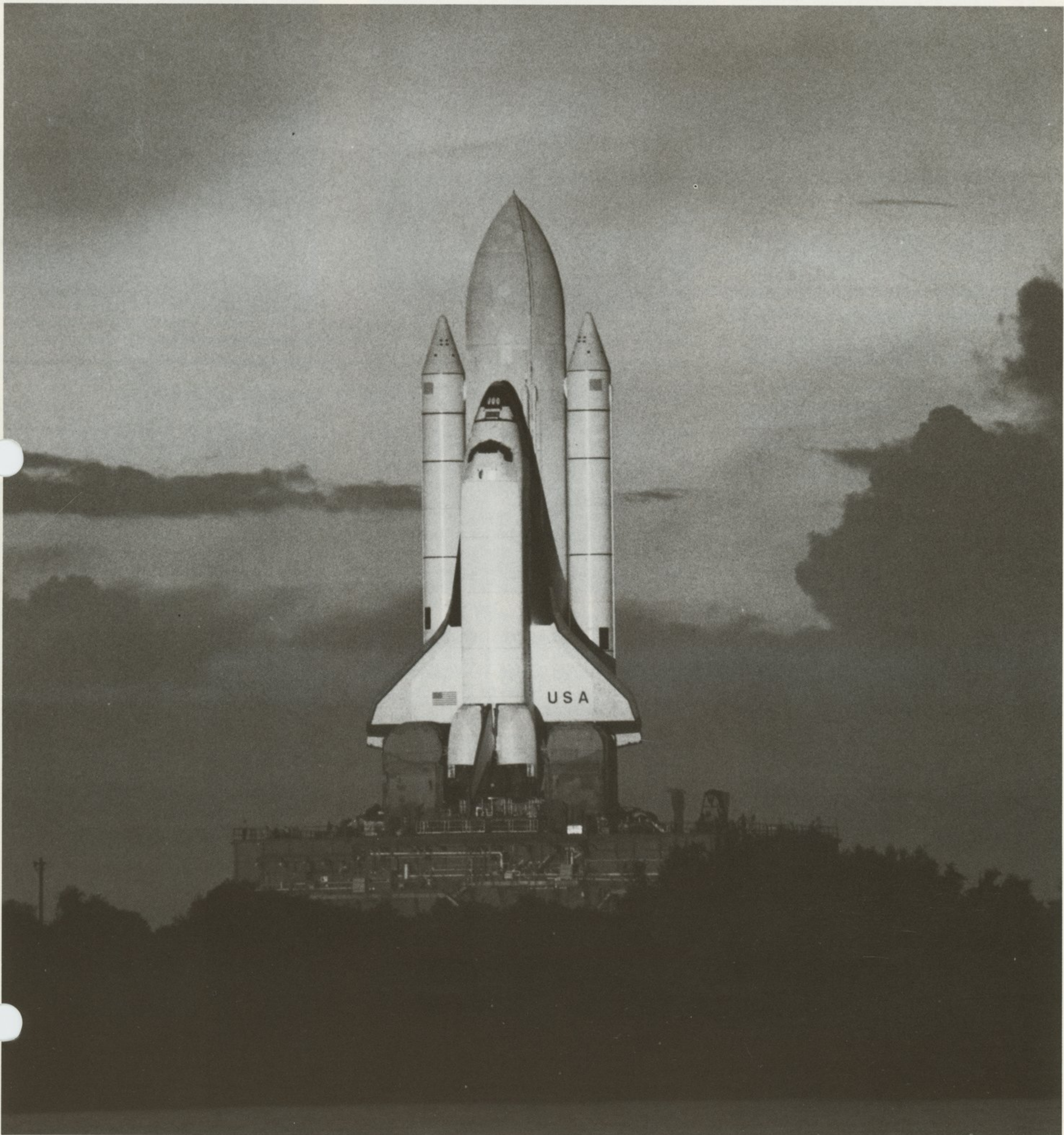


NUMBER 13/1981

MARTIN MARIETTA

news

DENVER AEROSPACE



External tank operations, employees get NASA awards

With the second Space Shuttle rolling to its launch pad in the background, Michoud division's external tank operations at Kennedy Space Center and seven employees were honored by NASA for their contributions to the Space Shuttle program.

Presenting the awards were NASA Administrator James M. Beggs; L. Michael Weeks, acting administrator for space transportation systems; and KSC director Richard G. Smith.

The NASA Distinguished Public Service medal for meritorious contributions was awarded to Thomas C. Wirth, director of external tank operations, and Eugene C. Wood, formerly director of the checkout, control, and monitor subsystem (CCMS) program and currently with Orlando Aerospace.

Satish Anand, senior group engineer on the CCMS program, received the NASA Exceptional Engineering Achievement medal.

NASA Public Service medals were presented to John E. Carpenter, Louis S. Favata, and Samuel S. Tucker of external tank operations. Edmund G. Haeger, director of the CCMS program at Denver Aerospace, also received this medal.

The NASA Public Service group achievement award for outstanding teamwork was presented to external tank operations.

In his remarks, Weeks noted this outstanding teamwork, in particular the exceptional effort performed during repairs to the external tank's debonded thermal protection system. He said that this effort was "above and beyond the call of duty."

Beggs addressed the idea of establishing a beachhead in space by the construction of orbiting space stations. He then congratulated the KSC workers saying, "The NASA and contractor team can literally accomplish anything."

He closed by quoting from Shakespeare's *Pericles*, "All have done well, but you the best."

on the cover

Spotlights highlight the Space Shuttle Columbia as it moves along the crawlerway from the vehicle assembly building to launch pad 39A. The rollout for the second Shuttle mission occurred August 31. Here, against the early morning sky, the Shuttle towers 232 feet above the ground. The crawler transporter vehicle, carrying the 11,000,000-pound weight of the Shuttle and its mobile launcher platform, is obscured by trees between the vehicle assembly building and the launch pad.



Thomas C. Wirth, left photo, and Eugene C. Wood, right photo, receive NASA Distinguished Public Service medals from NASA Administrator James M. Beggs in ceremonies at Kennedy Space Center.

New professional employees to receive orientation

Denver Aerospace will institute a new 4-hour orientation program starting in September for the more than 3000 professional employees who have been hired since January 1, 1980.

The orientation program, headlined by C. B. Hurtt, Denver Aerospace president, will combine live and audio visual presentations covering Martin Marietta and Denver Aerospace history, culture, structure, operations, and future plans.

Sessions will be held from 8:00 a.m. to noon and from 1:00 p.m. to 5:00 p.m. on three Saturdays. The first will be September 26 in the theater at Loretto Heights College. The sessions October 24 and October 31 will be in the Heritage High School auditorium.

Registration will be through department supervisors. Participants will be paid for half-day sessions, and may elect which session to attend.

The program supplements existing orientation sessions held by personnel, security, home departments, and projects.

The new orientation program will help new professional employees do their jobs easier and better by describing the way business is done at Denver Aerospace, its job aids, services, and facilities available to them.

R. E. Burnett, director of personnel, will open the program with a brief slide presentation on Martin Marietta history.

Hurtt follows with an overview of the Denver Aerospace organization, its management and philosophy, and a view of future projects.

Richard G. Adamson, vice president for business management, then explains the operations

of his department, followed by Robert J. Polutchko, vice president for technical operations.

Richard W. Laughbon will detail the history and use of Martin Marietta Data Systems facilities by Denver Aerospace. Air Force Plant Representative Col. Kenneth G. Haug follows with an explanation of responsibilities of his office.

Peter B. Teets, vice president for business development, will round out the orientation by outlining the marketing role and also cover new business opportunities.

Similar orientation programs are being planned for other geographical locations of Denver Aerospace.

Participants will receive a booklet containing printed copies of charts, graphs, photographs, and other material used in the presentation. The booklet is for the individual's reference library.

Disadvantaged children guests at Bears game

"Thak you the tekeets the baceball game. It was grate game!"

The penmanship was shakey, the spelling a bit rough, but the thanks were genuine. The notes received by the recreation office said it all.

Denver Aerospace contributed toward the purchase of Denver Bears baseball tickets so disadvantaged youngsters in the Denver area could attend games July 25 and July 26. The program was arranged through Artreach, a non-profit, human-service agency.

Benefits package is surprise to many

"Many employees don't realize they have as good a benefits package as they do, and they are pleasantly surprised," said C.K. Duncan, assistant benefits administrator.

She explains that part of her job is to visit beneficiaries of deceased employees to outline the benefits. An appointment is made after the funeral, and the family is given a listing of all benefits.

The benefits a family receives include net final pay, pay for unused vacation, amounts deducted for bond purchases, life insurance, accidental death benefits if applicable, credit union deposits, and a pension death benefit where applicable.

Mrs. Duncan also discusses the funds in the Performance Sharing Plan, the extension of medical and dental benefits to the family for up to six months, and conversion rights to an individual or family medical plan under Connecticut General's group plan or the benefit extension available to Comprecare members.

About 50 visits are made each year.

"We try to be understanding and take time, so the family knows we do care, that they do have benefits, and that they know exactly what they are," Mrs. Duncan said.

Employees are encouraged to learn about their benefits. Questions will be answered by Mrs. Duncan at Ext. 4928, or by Elmer Koons, the benefits administrator, at Ext. 5680.

Recreation

Information on all clubs and activities may be obtained from the recreation office, Eng. 124, Ext. 6750.

Hunting/fishing: The Skyline Hunting and Fishing club will meet September 15, 5:00 pm at the recreation area. Refreshments are \$2.00 for all you can eat.

Ski Club: The Satellite Ski Club will hold its annual fall picnic and membership drive September 18 beginning at 4:30 pm at the recreation area picnic pavilion. Free to paid club members, \$2.00 for newcomers. Club membership is \$15 for singles, \$25 for families. Discount American Ski Association memberships are available through September 21 for members. Call Alan O. Rice, Ext. 7966, or Margaret S. Paillet, Ext. 6282, for information.

Hiking: The Alpine club will sponsor a backpacking trip in the Collegiate Range September 19 and 20. Limit: 10. Call Glenn E. Hitchcock, Ext. 4826, for details.

Bus passes/tokens: Discount passes and tokens for RTD service are available from the share-the-ride office, Eng. 124G; Kay Shuey, DSC II, 263; R.L. Moore, Greenwood Commons 6140; and Georgeanne Wood, Cinderella City 1.



Bernard Topf, second from right, San Francisco regional director for the Defense Contract Audit Agency (DCAA), discusses government programs with Joseph P. Marcus, director of manufacturing. Others in the photo are, at left, Warren Beitel, DCAA resident auditor, and Dennis Whitcomb, DCAA supervisory auditor. While there, Topf met with Denver Aerospace, Air Force plant representative office, and DCAA representatives. He received briefings on the MX and other government programs.



Michael A. Steuer

New legal counsel is named here

Michael A. Steuer has been named legal counsel for Denver Aerospace.

Steuer comes to Denver from Raleigh NC where he served as general counsel and secretary to the Transmission and Mackay Marine divisions of ITT Telecommunications Corp. and ITT Space Communications, Inc.

He replaces Jacques H. Croom who was appointed general counsel for Martin Marietta Aerospace.

Canaveral employee earns 'double check' award

Phillip E. Plemmons, Canaveral operations engineering, has been given a Titan "double check" award for his contribution to resolution of Titan 34D airborne circuitry problems.

William L. Dimoush, materiel, received a similar award in May for his contributions to the launch vehicle program.

29 honored here for 40 years' service

Twenty-nine employees were honored at a dinner in the executive dining room September 3 for completing 40 years service with Martin Marietta during the past year.

After an introduction that included a brief work history, each employee received a 40-year service award.

Those honored at the dinner:

Technical operations: L.W. Tipton and E.S. Pizzano, test; W.F. Baker, D.E. Clippinger, R.W. Seiferth, and K.L. Fletcher, mechanics; J.V. Mumford and T.M. Wilson, electronics; S.W. Kirchner, J.J. Healey, J.B. Shiner, R.L. McCord, and W.C. Hoffmann, quality and safety; W.M. Brenner, R.C. Wuestner, K.M. Brookhamer, W.J. Krysiak, and J.W. Parrish, manufacturing.

Personnel: R.B. Morgan.

Business management: N.I. Stephenson and E.W. Brinck.

Space launch systems division: G.W. Folberth and R.M. Edwards.

Strategic systems division: G.J. Schlicht, H.C. Delcher, and C.S. Stooksbury.

Space and electronics systems division: T.J. Sisk, K.J. Coughlin, and C.S. Dickson.

MARTIN MARIETTA NEWS

Published by Public Relations
MARTIN MARIETTA AEROSPACE
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DENVER AEROSPACE
P. O. Box 179—Denver, CO 80201
September 11, 1981

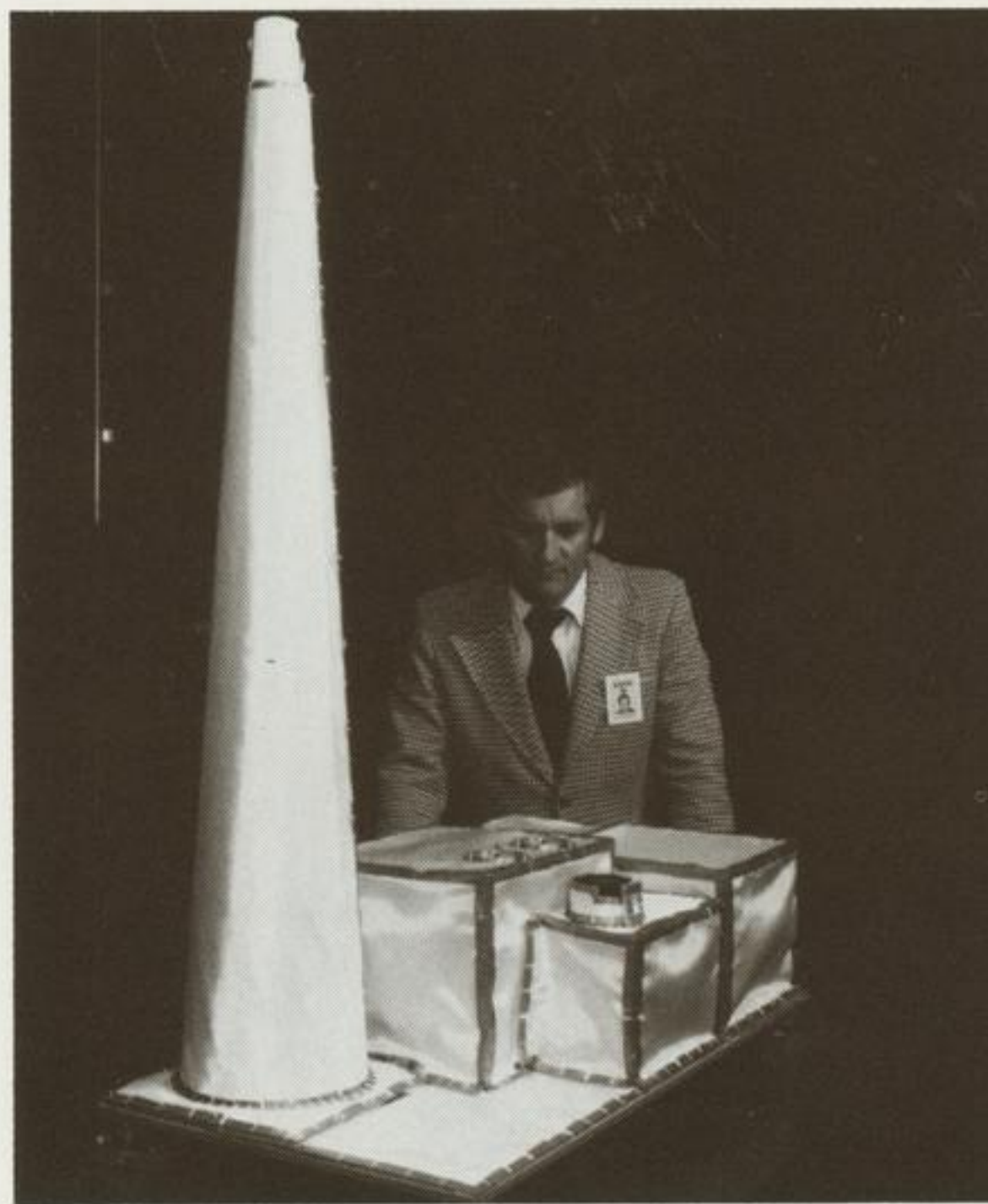
FILE aboard second Shuttle

FILE—the feature identification and location experiment—is one of six experiments to be carried into space on the second Space Shuttle flight, scheduled for October 9.

The experiment, designed, built, and tested here, will record video images and photographs of the Earth, analyze the video images and determine what percent of each image is bare land, clouds and snow, water, and vegetation. This is the first autonomous feature recognition system ever flown that can analyze information as it is obtained.

Once the Shuttle achieves orbit, the cargo bay doors are opened and the orbiter's bay is pointed at Earth. The crew turns on the experiment and it operates autonomously until just before reentry when it is turned off.

The second Shuttle mission will be for five days and five hours at a 130-nautical mile circular orbit.



Roger T. Schappell, principal investigator and manager of the advanced automation technology section, examines the FILE experiment package that will fly on the second Space Shuttle, presently scheduled for October 9. Flight hardware shown here is covered with multilayer insulation.

Special parking passes to be issued for celebration

Special numbered parking passes for the 25th anniversary celebration at McNichols Arena September 26 will be distributed to employees by their department administrators.

Administrators will pick up passes and lists of employees who are to receive them from 9:00 a.m. to 4:00 p.m. September 15 and 16 at the recreation office. Employees have been selected by computer to receive passes and should share a ride with those without passes. Only cars with the special passes will be admitted to

McNichols' lot, where parking is limited to 5500 spaces.

Tickets for admission, buffet supper, and concert will be mailed to employees September 14. No tickets will be distributed from the recreation office.

Handicapped persons should enter McNichols Arena through the ground floor, east entrance. Seating areas have been set aside for the handicapped on the lower and main floors of the arena.



The first production tractor and type II semitrailer designed to haul MX stages to assembly and test sites has been completed by Goodyear Aerospace under a subcontract to Denver Aerospace. John D. Eagen, strategic systems division, is shown climbing aboard the tractor at Litchfield Park, AZ, where the vehicle was manufactured.

AFA exhibit features MX, Shuttle activity

Denver Aerospace will feature an exhibit presentation on MX development and Space Shuttle facilities at Vandenberg Air Force Base at the Air Force Association 35th annual convention in Washington, DC. September 14 to 17.

The MX portion of the exhibit will feature a six-minute audio-visual presentation depicting progress on the MX assembly, test, and system support, and launcher contracts. It describes the processes and procedures required on assembly of the test missiles and the Vandenberg support facilities. Robert Miller will deliver briefings on MX during the exhibition.

The Vandenberg Space Shuttle segment will include a five-minute audio-visual slide presentation focusing on the development of ground support facilities and other related Space Shuttle work at Vandenberg. These responsibilities range from construction of the launch pad to installation of the checkout, control, and monitoring subsystem (CCMS) and payload integration. Pre- and post-launch operations for the Shuttle missions also are a part of the presentation, which will be given by Kent Gundersen.

Performance sharing plan unit values set for July

Unit values for the Performance Sharing Fund have been announced as of July 31, 1981. The values are:

Fund A—Indexed Equity: 1.591948369
Fund B—Fixed Income: 1.369837784

The unit value of each fund is determined by dividing the market value of the assets of each fund by the total number of units in the fund.

When the funds were established, each one dollar contributed during the first month the plan was in operation was equal to one unit. All deposits made since the first month by participants or from the Corporate performance sharing distribution have been converted into units by dividing the dollar amount of each deposit by the applicable value of one unit as determined by the valuation of a unit in the month when the contribution was made.

Quarter Century Club inducts new members

Four Canaveral operations employees were honored for 40 years' service and eight new members were inducted into the Quarter Century Club at its recent meeting.

Cyril M. Holly, Leo L. Karner, Norman E. Penn Jr., and Donald A. Roxby were honored for their 40-year service with Martin Marietta.

Inducted into the Canaveral operations club after completing 25 years with Martin Marietta were Kenneth E. Boone, Charles F. Cartee, June M. Cartee, Thurman C. Coberly, Ralph J. Harriman, Robert E. McKinney, Junior L. Stark, and James W. Weddle.