

✓ K- Univ. of Kansas



AT THE SPACE BUILDING—The Statue of Icarus symbolizes man's willingness to venture into the unknown in pursuit of knowledge. (Journal-World Photo)

# KU Statue, Building Are Symbols

By BOB WOMACK  
J-W Staff Writer

ment for the benefit of future generations.

**THE SCULPTURE** is but one aspect of the building, occupied last fall and financed by grants of \$1.8 million from the National Aeronautics and Space Administration; \$354,000 from the state of Kansas; \$100,000 from the KU Endowment Association; and \$116,000

research center by unusual architectural features:

- A lobby and open glass-  
ed areas that encourage communication between researchers in various disciplines.
- Convenient availability of utility services through horizontal service cores fed by vertical shafts that are flanked by laboratories.
- Flexibility in reassignment of laboratory space to

of the building, such as the glass-walled laboratories sharing a common interior staircase, reflect the center's interdisciplinary approach to research as scientists from various fields share their ideas and expertise in an attempt to solve complex problems.

The center encompasses a broad research base, including a significant program of research related to the U.S.

within a span of five years, space research and training programs had grown to about \$800,000 annually, a measure of growth providing the impetus for the construction of the center, envisioned in 1966 as a focus for research involving faculty and students from departments across the campus, permitting exploration of new directions in space and multidisciplinary re-

## Tickets Available

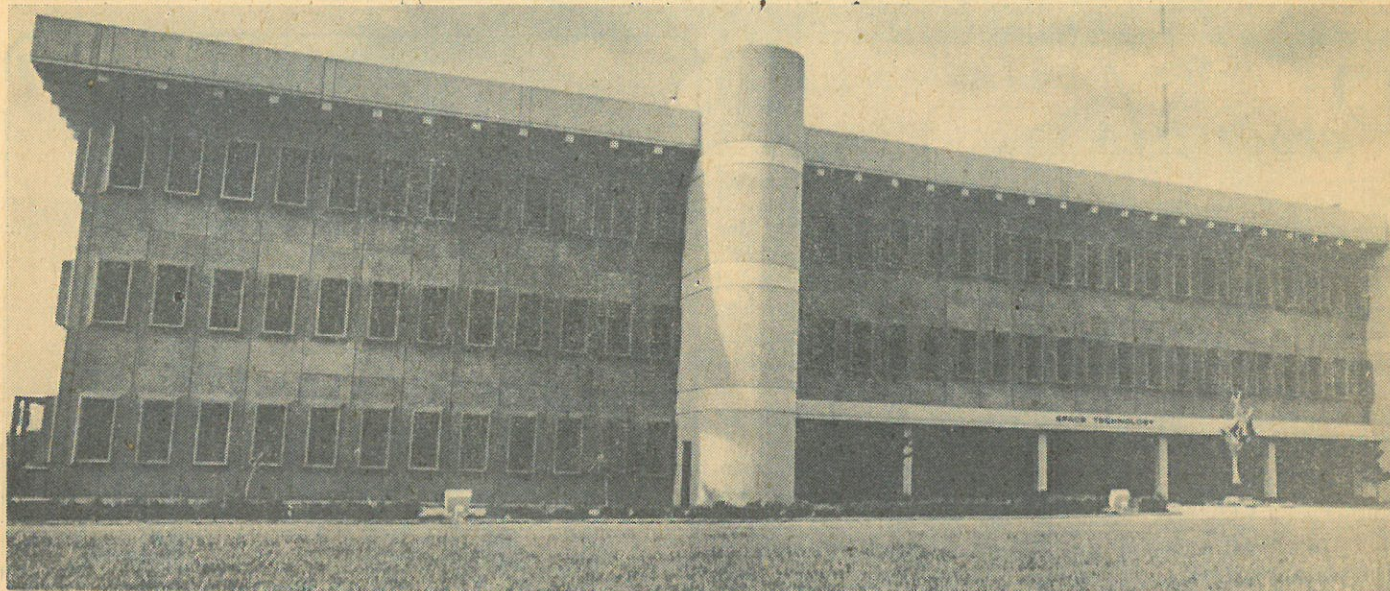
Tickets for the joint Kansas University-Lawrence Chamber of Commerce luncheon at noon Friday in the Kansas Union ballroom can be obtained from the Chamber office at 901 Tenn.

James Fletcher, administrator of the National Aeronautics and Space Administration, will be the main speaker at the event.

Other dedication events will be open to the public without charge.

A bronze statue of Icarus in the court of the Space Technology Center at Kansas University captures a moment symbolic of man's quest to explore his universe, and hence evokes sculpturally the meaning of the \$2.47 million structure that will be dedicated Friday





Kansas University's Space Technology Building

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their implications extend much further than the country's space program. Projects include:

- The Kansas Environmental Resource Study (KERS) program that will use data from the Earth Resources Technology Satellite and the skylab manned space station, and designed to serve as a model for the use of satellite information by the Great Plains states—through specific agricultural, geological, geographical and hydrological studies of this area.
- Remote sensing research, directed by R. K. Moore

earth by using radar, cameras and other instruments carried on aircraft and spacecraft.

- Flight research, directed by D. L. Kohlman and Jan Roskam, including efforts to improve the safety and operational economy of aircraft in the fields of aerodynamics, design, flight controls, propulsion, structures, aircraft operations and flight testing.

- Research on the weather and various conditions relating to it, at the Atmospheric Science Laboratory, directed by Joe Eagleman.

- **THE CORRIDOR** Air Pollution Program of the Air

determining its effects on the plant life in the area.

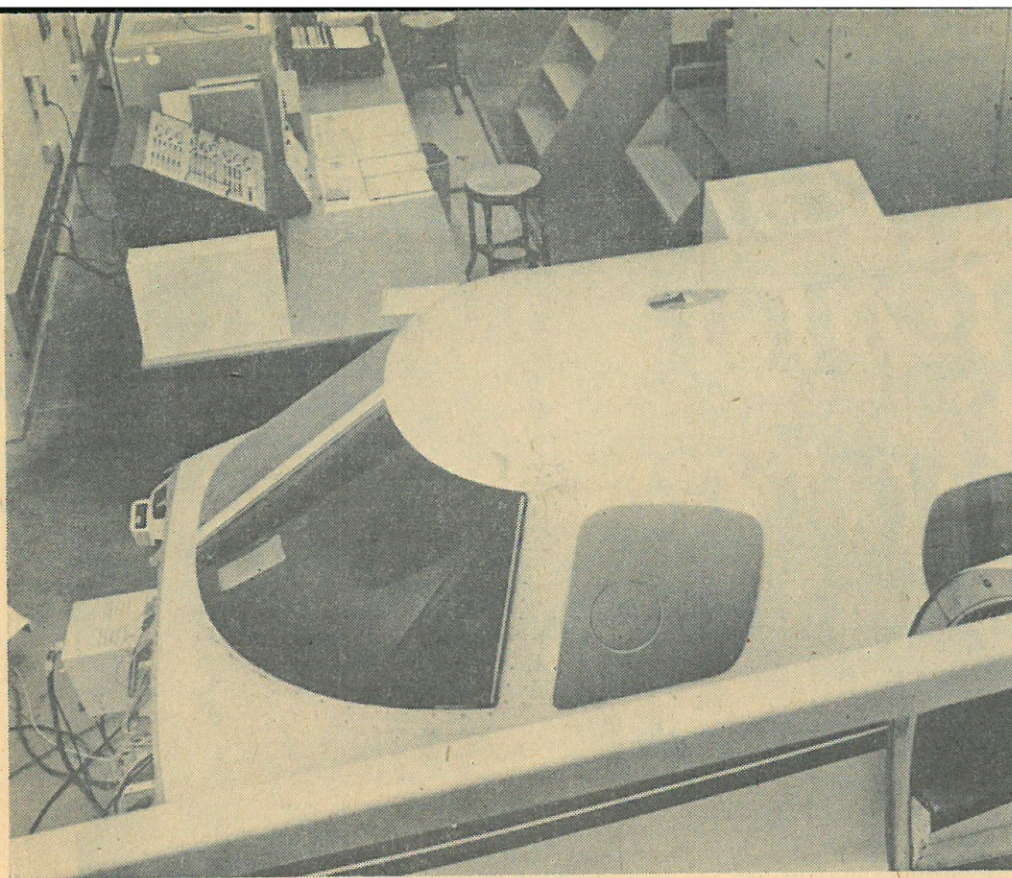
- Research in the Radiation Physics Laboratory, directed by Ed Zeller, primary concerned with the interaction of radiation with matter and a recently-begun intensive investigation of problems related to nuclear waste disposal for the U. S. Atomic Energy Commission.

- Research in the Spatial Distribution Computer Laboratory, supported by the National Science Foundation and directed by Robert E. Nunley, and designed primarily for geographic studies of urban sprawl, transportation

ed with resource management and environmental quality use of the data gathered by satellite remote sensing. Seminars and workshops for agency representatives are planned to build communication between KU investigators and user agencies.

**ANOTHER OFFSHOOT** of the center, the Business and Engineering Technical Applications group, will supply technical information to industry in Kansas and surrounding states—KU students will conduct technical information searches relating to a specific problem of the contracting business.

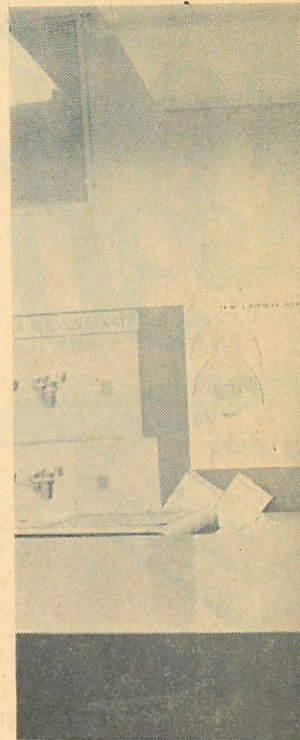




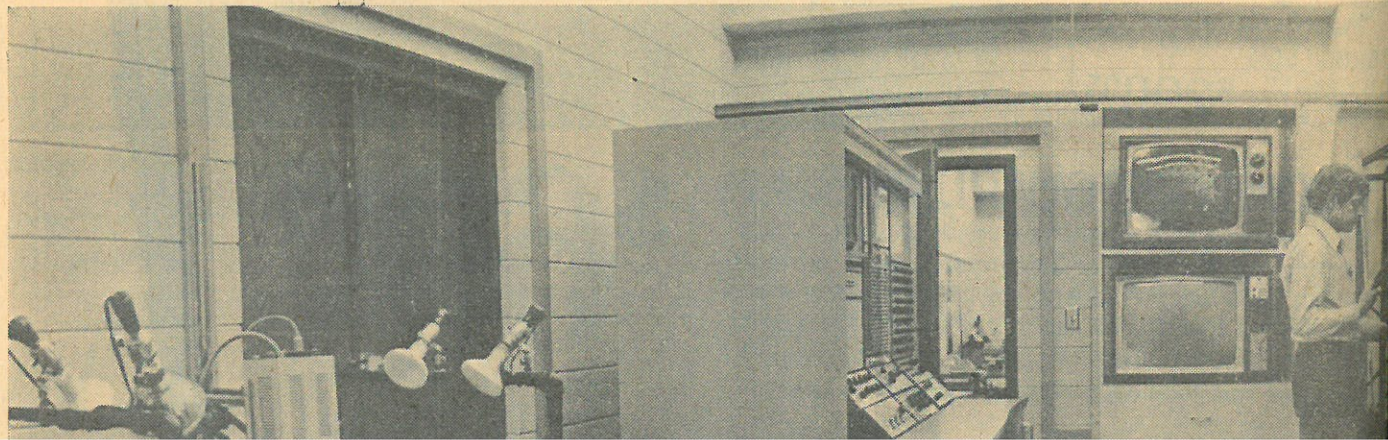
**FLIGHT LABORATORY** — R. L. Walters, manager of the research facilities, poses in the flight research laboratory where Jan Roskam and David Kohlman undertake research intended—among other hoped-for results—to improve the safety and operational economy of aircraft.

Journal-World Photos by Will Hess

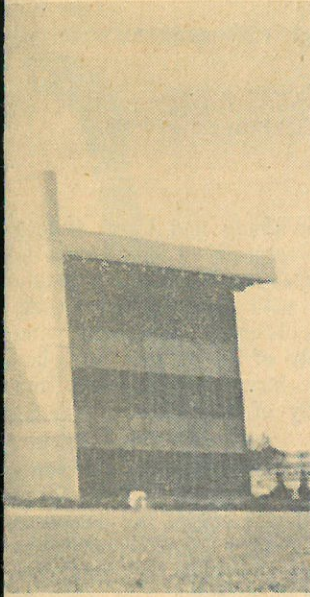
important to the state of  
Kansas as it is to KU—  
the state because it oper  
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programs with other stat  
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**AIR POLLUTION MONI**  
geography, adjusts equipm  
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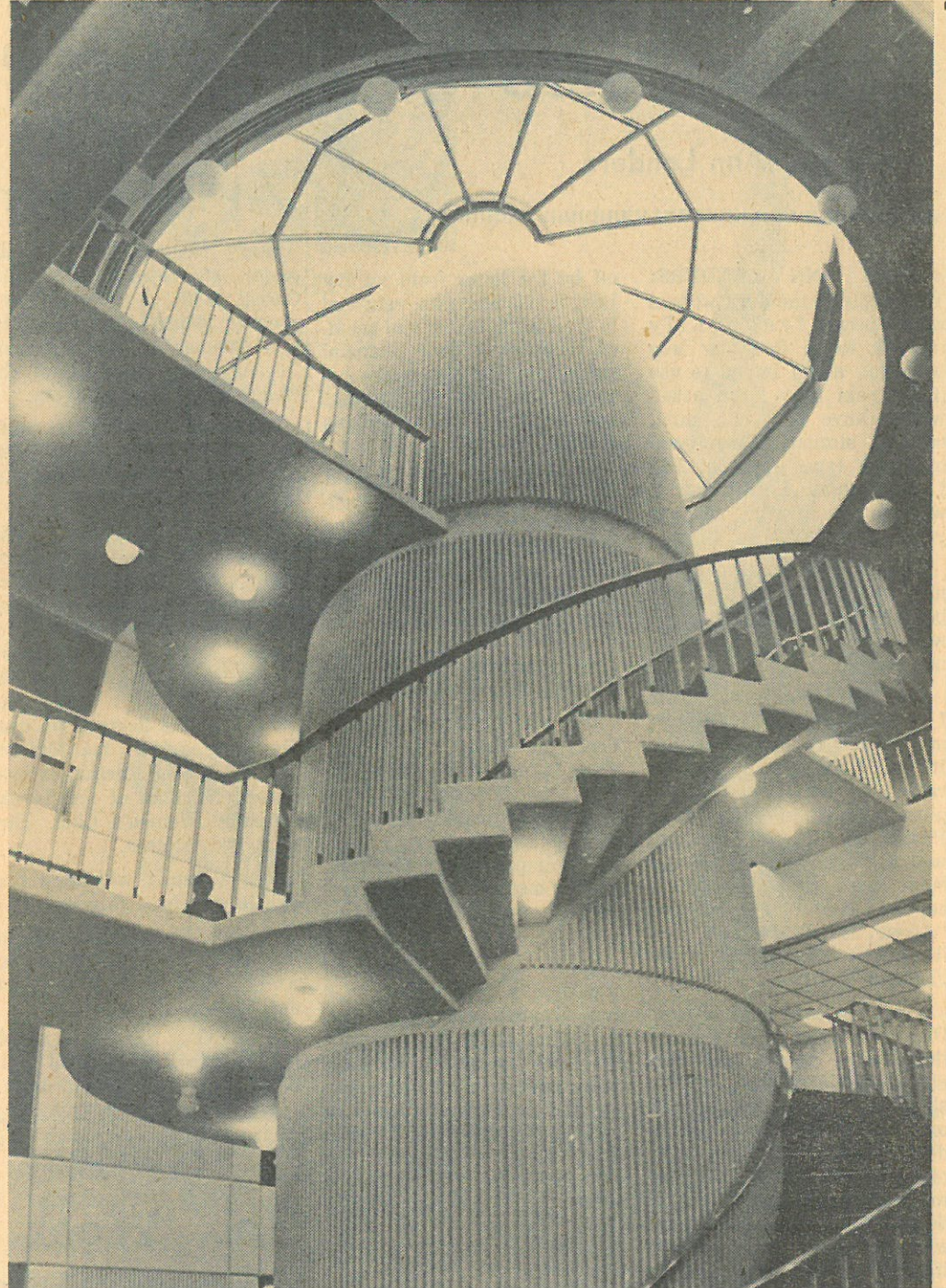




# mbols

"It represents a recognition of the quality of the faculty here in these research areas, and it's also important because it will open to advanced and graduate students opportunities for study in the space-related sciences," he added.

As the \$45.2 billion U. S. space program nears its 14th birthday next month, it can look back on earth orbital flights and man's first steps on the moon, but it can, with as much pride, look at the innumerable spin-offs that have directly benefited humankind—from pacemakers that are keeping persons with

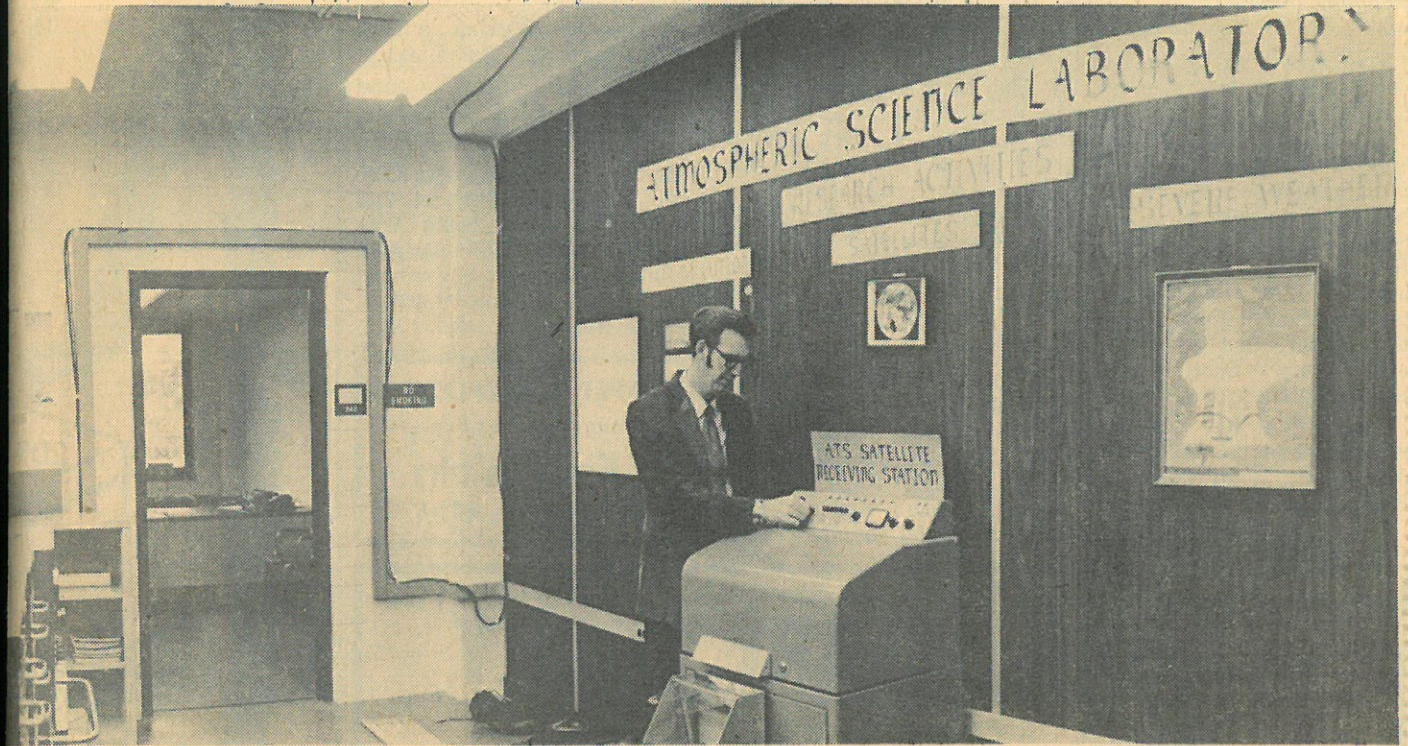




the U. S." than in the area  
KU's center will serve.

"Of course, the facilities are  
one thing," he notes, "but  
it's what goes on inside that's  
important."

A LOOK INSIDE — A major distinctive feature of the building is this circular stair-  
way, topped by a skylight. Inside the cylinder entwined by the steps is an elevator.



R — Joe Eagleman, associate professor of  
in his laboratory. His research focuses on  
to studies of air pollution in the area from

Kansas City to Topeka. The studies are intended to determine the effects of  
air pollution on plant life in the region.

