

Ford Motor Company
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New York World's Fair
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IMMEDIATE RELEASE

FIVE "ADVENTURES IN SCIENCE" IN FORD'S WONDER ROTUNDA

The pulse of the universe as detected by radio-telescopes that serve as the eyes and ears of modern astronomy can be heard in the Ford Wonder Rotunda at the New York World's Fair.

This is one of five "Adventures In Science" Ford scientists have prepared for Ford Fair visitors after they disembark from their "Magic Skyway" ride through a Walt Disney-created wonderland.

In one of the "Adventures" guests hear sounds from a yet-to-be-named galaxy as they are received on the planet Earth after traveling for millions of light-years in space.

Radio-telescopes normally record these electromagnetic impulses as red, wavy lines on a graph. They can also be played through a radio speaker. The sound is an unearthly pulsation.

Scientists of Philco Corporation, a Ford subsidiary, have recorded such sounds as "heard" by Ford-built radio-telescopes at the University of California and University of Texas.

A seven-foot-tall model of a sky-scanner rotates in the "Adventures In Science" area of the Ford Wonder Rotunda and, as it scans a theatrical representation of outer space, the strange sounds of the universe and an explanation of their meaning are heard by Ford visitors.

In the same display area, Ford guests see exact scale models of command stations built by Philco for America's projected Gemini and Apollo manned rocket flights.

In addition, a console of large color transparencies depicts other current Ford and Philco scientific projects connected with the U.S. space probes.

In another "Adventure," visitors get an insight into the workings of a computer system. As they enter this area, numbers appear mysteriously on their hands, faces and clothing, giving the sensation they are moving inside an actual computer.

Recorded voices tell how computers flash almost instantaneously the solutions to problems that would consume a scholar's lifetime. They learn also how computers guide the flights of astronauts and how they can control vehicular traffic on the highways of tomorrow.

The next "Adventure" demonstrates the power of laser beams and illustrates Ford research leading to new sources of power, new high-yield fuels, new propulsion systems.

Continuing their way past walk-through exhibits, guests see a collection of wonder materials -- exotic metals, plastics and crystals -- used by Ford engineers to bring Space Age concepts into automotive design.

Finally they see fully developed three-eighths scale models of dream cars fashioned by Ford stylists.

This will form a natural progression to the Ford World's Fair collection of idea cars -- full-size marvels that have the look of the future but which could soon be practical.

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