



Traffic through the ages in a 26-metre cone by Canadian sculptor Bill Lishman.

The displays — some static, others kinetic — range from an airship that floats overhead to a model of the next generation M-SAT satellite: they chart the course of Canadian-developed technologies from the past through the present and into the future. Many of the displays are also providing a "hands-on" experience of Canada's breakthroughs in science and technology.

Introducing the country

Three introductory theatres are presenting images of Canada from the vantage points

of space, the earth's atmosphere, the land and below the three oceans that surround the country.

This Is My Home, a 14-screen audio-visual feature, captures Canadians across the country celebrating their national holiday, on July 1, 1985. In the Earthwatch Theatre, new dimensions of Canada are highlighted by space photographs of the land from remote-sensing satellites. The film, *New frontiers*, blends live action and visual effects to show how Canadians are taming the once hostile environments of space and sea. An astronaut and aquanaut guide visitors on this voyage of discovery that includes the Canadarm, the robotic arm used in the US space shuttle program, space medicine, underwater submersibles and the futuristic Newtsuit, a diving suit that prevents the user from suffering the effects of compression and decompression.

Bill Lishman

Unique film technique

Two other special film presentations can be viewed in the Canadian National IMAX Theatre and the Teleglobe Canada Theatre. For CN, *Transitions* is the first three-dimensional film made by employing the Canadian-developed IMAX film technique that uses the largest frame in motion-picture history. In Teleglobe's theatre, *The Taming of the Demons*, which traces the evolution of the search for effective communications from man's primitive beginnings to the frontiers of modern technology, has been produced by Emil Radok, using nine rectangular screens and a single, spinning hoop.

The Vidiwall, the largest system of its kind ever unveiled in North America, is a visual highlight in Canada Pavilion. The wall, composed of 108 computer-controlled video



Terry O'Connor

Canada's Snowbirds entertain with their breathtaking aerial gymnastics.

images, presents a continuously shifting panorama of multiple moving or still images that ebb and flow in brilliant patterns.

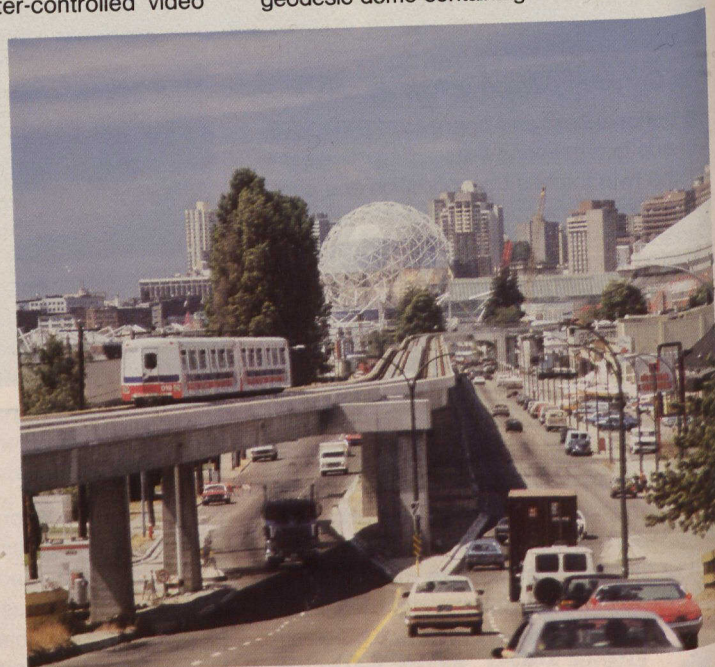
Technology also enhances live performances by Canadian actors, dancers, singers and musicians in the 375-seat Studio Theatre. Computerized multi-screen video projectors produce innovative visual effects for up to nine performances daily.

At the main EXPO site on the shore of False Creek, displays in more than 60 pavilions from Canada's provinces, territories and corporations and some 52 countries, the most ever to participate at a specialized world exposition, highlight history's adventures in transportation and communications.

At the EXPO Centre, a 17-storey high geodesic dome containing theatres, exhibits,



Visitors can take the free monorail circuit around the False Creek site.



The new Regional Rapid Transit links EXPO with Vancouver's suburbs.