

The \$3,000,000 Boeing 747 digital flight simulator ordered by Air India from CAE Electronics Ltd. is currently undergoing in-plant acceptance tests prior to delivery to the airline's new flight training centre at Bombay this month.

The sophisticated flight training machine, with a unique six-degree motion system which can duplicate almost every movement of the actual aircraft, has been developed and manufactured by CAE Electronics Ltd. in Montreal.

It is the first CAE flight simulator to be ordered by Air India, India's international airline, which currently operates a fleet of 9 Boeing 707 aircraft over routes stretching from Japan and Australia, throughout southern Asia, Africa and Europe, including the Soviet Union, to the United States, carrying some 400,000 passengers annually.

Rapidly expanding, Air India has recently introduced two Boeing 747s on scheduled services and two supersonic transports are on option.

Faithfully reproducing all the sights, sounds, motion and feeling of an actual aircraft, with complete flight deck absolutely identical to that of the plane and the most modern flight instructor's aids, the computer controlled simulator is considered to be an essential flight-training aid by all modern airlines such as Air India.

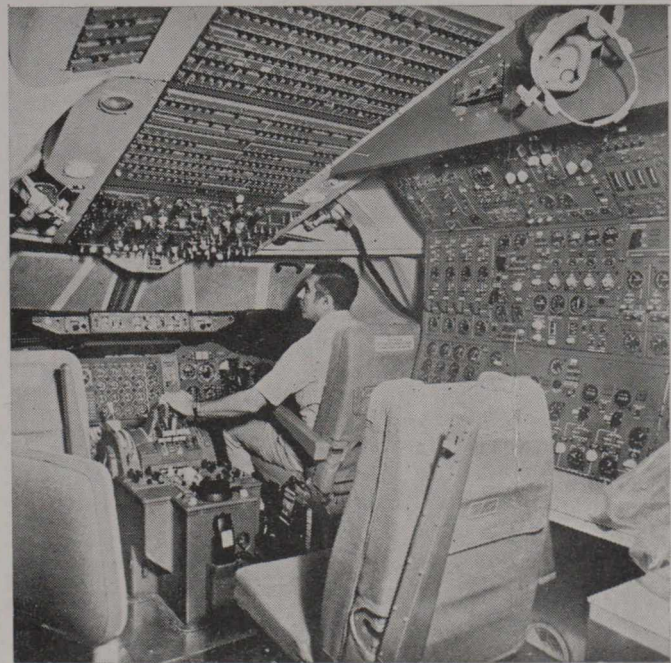
Thanks to the development of flight simulators most pilots these days make their serious errors on the ground. In the age of several hundred passenger jets, aviation technology is so complex that the \$3 million cost of an on-the-ground simulator is only one seventh the cost of the 747.

The Air India simulator has been provided as part of Canada's development assistance program in India. A \$2.8 million development loan was signed in 1969, which provided for the simulator. Canadian development loans carry no interest charges and are repayable in 50 years including a 10-year grace period. As such they are the softest loans available to India from any source.

CAE is ranked among the world's top aircraft simulator manufacturers, with 21 commercial flight simulators under development or delivered to 11 major international airlines and one aircraft manufacturer, and another 76 military simulators in use with the defence forces of 10 western nations.

In addition to the Air India 747, CAE Electronics is currently manufacturing a Lockheed Tri-Star simulator for Air Canada, McDonnell-Douglas DC-10 simulators for Air New Zealand, KLM Royal Dutch Airlines, Swissair and Union des Transports Aeriens, and a DC-9 for Jugoslavian Air Transport.

Ranked as one of the world's top aircraft simulator manufacturers, CAE has already delivered three Boeing 747 simulators, one Lockheed 1011 simulator and 10 Douglas DC-8 and DC-9 simulators to major world airlines, and more than 75 military flight simulators to the defence forces of 10 western nations.



The Boeing 747 flight simulator for Air India is currently undergoing acceptance testing at the CAE plant in Montreal, prior to its delivery to the airline's new flight training centre in Bombay. Above the interior of the simulator.