



INTERSCAN

Microwave Landing System

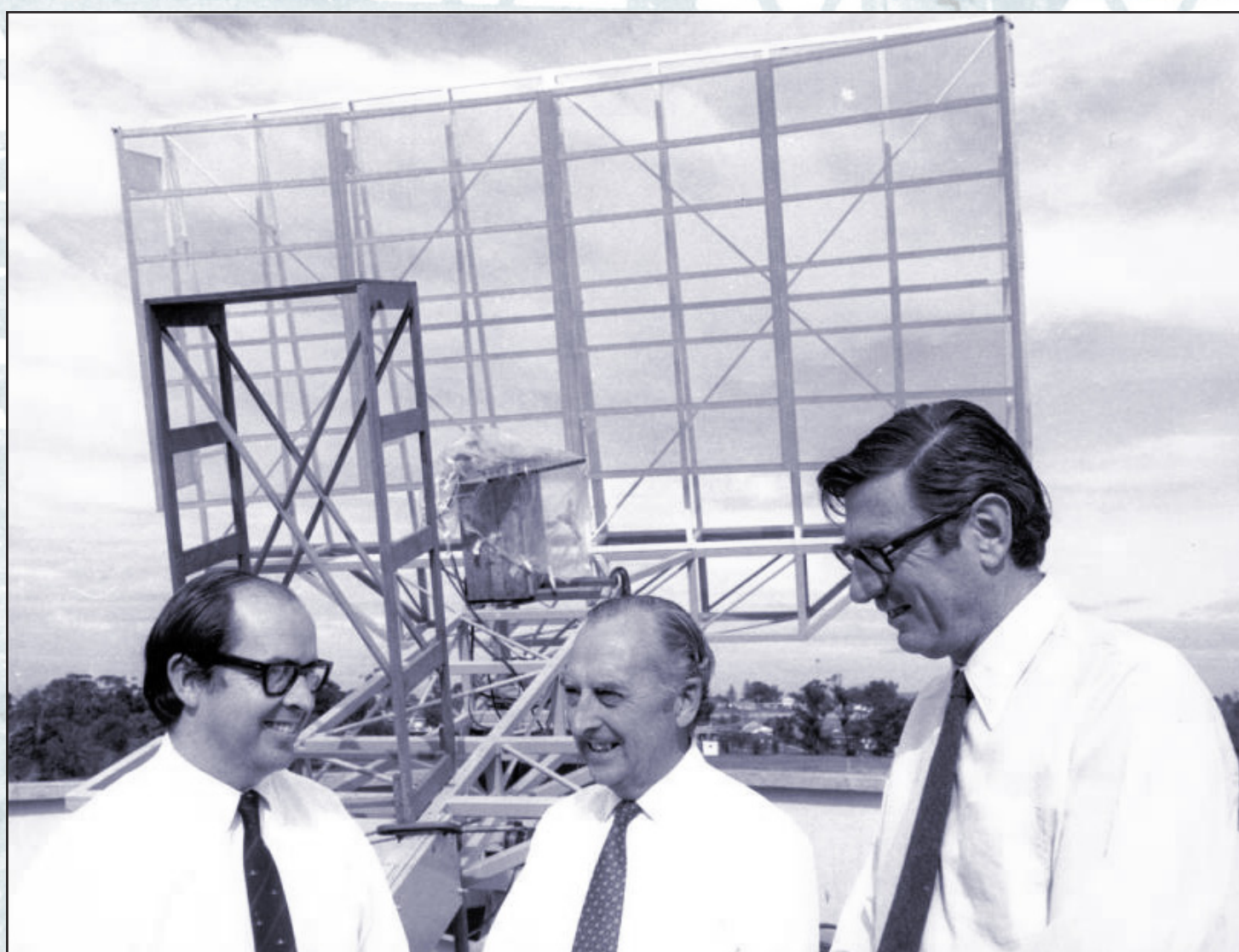
The Australian-designed **INTERSCAN** system was at the forefront of Microwave Landing Systems (MLS) in the 1970s. The technology was jointly developed by the Department of Transport, CSIRO, AWA, Hawker de Havilland, and the University of Sydney.

INTERSCAN (which is short for Time **INTER**val **SCAN**ning) was developed in response to a request from the International Civil Aviation Organisation (ICAO) to find a replacement for the Instrument Landing System (ILS). This technology is still used in most of the world's commercial airports.

The **INTERSCAN** system, through its superior design and technological diplomacy, was accepted as the world standard MLS technology for the assisted landing of commercial aircraft in 1978. The system is now installed in some major world airports such as London Heathrow. It is also used in military operations and has guided the Space Shuttles into safe landings.

Engineering Heritage Australia has recognised the significance of the INTERSCAN Microwave Landing System with an Engineering Heritage National Marker which was unveiled on 9 November 2013.

Background image: INTERSCAN elevation antenna - Photos: Civil Aviation Historical Society

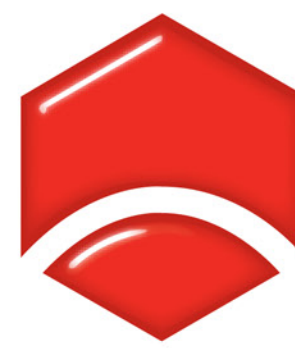


The three key engineers in 1973: Brian O'Keeffe, Department of Civil Aviation, with Harry Minnett and Dr Paul Wild, CSIRO Division of Radiophysics



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