



## McKee Trophy For Zurakowski

The Trans-Canada (McKee) Trophy for 1958 has been awarded to Jan Zurakowski, former Avro Aircraft chief test pilot, and the first man to fly the Avro Arrow.

Zurakowski won the award for his "outstanding contribution to experimental test flying of jet aircraft in Canada, and for his outstanding contribution to world recognition of Canadian aeronautical achievements."

The McKee Trophy, which dates back to 1927, is presented each year for meritorious services in the advancement of Canadian aviation. It was donated by the late Dalzell McKee, of Pittsburgh, a wealthy aviation enthusiast who made the first trans-Canada flight by seaplane in 1926. Mr. McKee established the trophy in recognition of the welcome and assistance given him by the RCAF during his flight.

Polish-born, 44-year-old Zurakowski calculated and performed the now famous wing-over-wing "Zurabatic Cartwheel" aerobatic manoeuvre, first demonstrated at the 1951 SBAC Show at Farnborough, England. At the time he was employed as a test pilot with the Gloster Aircraft Company in the U. K. He joined Avro Aircraft Ltd. at Malton in 1952.

At the 1955 SBAC Show he attracted world attention by putting the Avro CF-

100 through a series of delicate manoeuvres, in sharp contrast to what was expected from the heavily-armed long-range aircraft. His display did much to advance Canada's reputation in the field of aircraft design and manufacture.

In the CF-100 he became the first pilot to fly a Canadian-designed aircraft faster than the speed of sound, and he is credited with being the first to fly beyond the speed of sound in a straight-winged production aircraft.

Zurakowski piloted the Avro Arrow on all its initial flights. The success which attended these flights was largely due to his untiring efforts to familiarize himself with the aircraft, together with his high degree of skill and judgment. He retired from his position at Avro's on October 1, 1958, a date selected by him four years previously. He was released with many other Avro employees on cancellation of the Arrow program.

During the Second World War, Zurakowski served with the Royal Air Force. He flew operationally as a fighter pilot in the Battle of Britain, and then transferred to the Polish Squadron of the RAF. Altogether he saw service with four Allied squadrons and rose to the rank of squadron leader. He was awarded the Polish "Virtuti Militari" for gallantry and the Cross of Valour.

## Avro Men's Venture

Howard Williams, formerly an inspection superintendent on the Arrow program with Avro Aircraft Ltd., and two of his colleagues, Al Davis and Sid Greenwood, have set up their own manufacturing firm. Under the name of H. A. Williams' Machined Products, they are specialising in the production of precision, machined, and sheet metal parts. Their workshop, at Pickering, Ont., is equipped with modern new machinery, including vertical and horizontal mills and toolroom lathes.

## 707 Service Increased

American Airlines has increased its Boeing 707 service between New York and Los Angeles to three non-stop flights daily in each direction. The change follows high load factors on the route. Since introduction of the service in January, the load factor has been over 95 percent, compared to the airline's record 1958 load factor of 65.5 percent. American's 707's seat 106 passengers; 68 first class and 38 "all-coach." American is also offering 707 service between New York, Chicago and San Francisco.

## Helicopter Landing Aid

Bell Helicopter Corp. has placed a contract with W. L. Maxson Corp. for development of a helicopter landing system. Tagged HELP (Helicopter Electronic Landing Path), the system is for use in take-off and landing during zero visibility. Maxson's \$288,000 contract covers design, development and fabrication of airborne and ground equipment. HELP is part of the over-all MW-RAILS (Micro-Wave Remote Area Instrument Landing System) being developed by Bell.

## Viscount Payload Up

Series 810 Vickers Viscounts currently being produced incorporate structural modifications for operation at a maximum take-off weight of 72,500 lb. The original specification gross weight of the V.810 Series was 67,500 lb., but all the aircraft delivered to date have been certified at 69,000 lb.

## Fairey Name Change

Reorganization of the company has seen a change in the name of The Fairey Aviation Co. Ltd. to The Fairey Co. Ltd., now a holding company with subsidiaries. The constitution of the Board of Directors remains unaltered. Subsidiaries include Fairey Aviation Ltd., and Fairey Engineering Ltd.

## Dart Boost

The Rolls-Royce Ltd. durable Dart turboprop engine has been developed to another power increase. The Dart RDa10 has completed a 150-hour type test to combined U. K.-U. S. type schedule at a dry take-off rating of 2,660 total equivalent horsepower, representing 2,400 shaft hp and 670 pounds thrust.