

A. V. Roe at Air Show

Companies of the A. V. Roe Canada Group are participating in the International Air Show at Paris, France.

Avro Aircraft is showing a scale replica of the CF-100 Orenda jet. CF-100s and Canadair-built F-86 Sabres, both powered by Orenda engines, also form part of the RCAF display. These aircraft are in Europe on duty with NATO forces.

Applied Research Ltd. have a functioning R-Theta navigational computer on display.

Comet Training

A group of RCAF pilots, navigators and radio officers is at present in England attending courses on the Comet jet aircraft. Courses are being held at the de Havilland plant at Hatfield. Groups of ground crew personnel have already received Comet training in England. When the aircrew courses are completed the crews will be flying the RCAF Comets back to Canada. The planes have been in Britain for modification.

Engine X-ray Aid

Current issue of "Canadian X-Ray News Letter," published by Du Pont Company of Canada, tells of a new engine design aid. This is a machine capable of producing motion pictures of the interior of an engine while it is running. Apparatus "stops" the high-speed motion of engine parts for scrutiny by engineers. Equipment was developed by the General Electric Co. of America.

Sea Vixen On Test

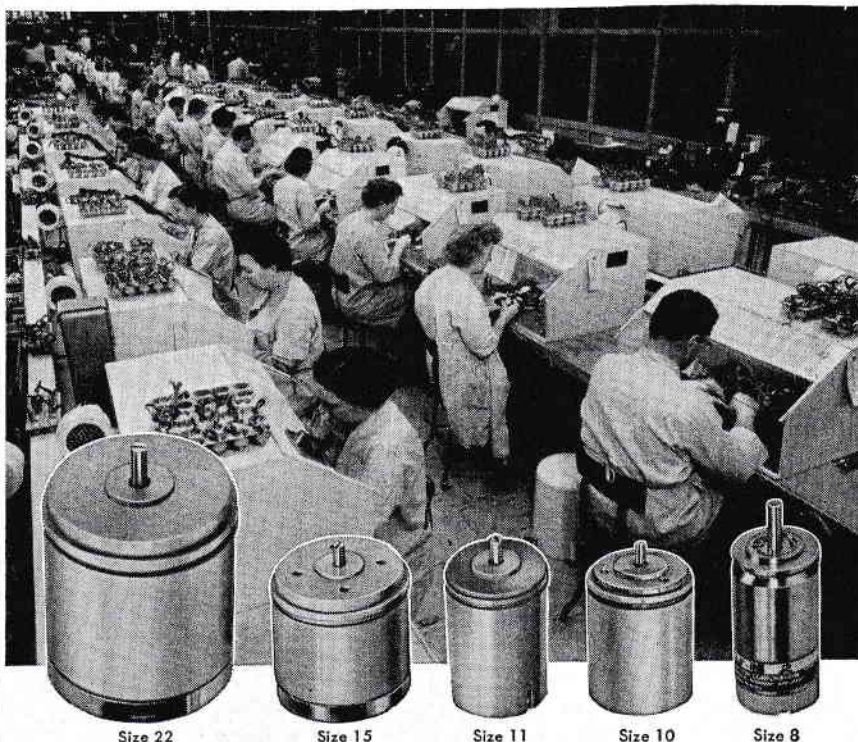
New de Havilland Sea Vixen D.H. 110 all weather fighter ordered for the Royal Navy is being test flown in production form. It has power-folding wings, radome nose is hinged for ease in handling and maintenance, nose-wheel can be steered and the tail boom angle has been modified for greater ground clearance. Wheel well doors retract when the gear is down to retain lift efficiency.

P.1B's Maiden Flight

English Electric's fully supersonic P.1B twin-jet fighter made its maiden flight last month with Wing Commander R. P. Beament at the controls. Designed from the outset as a complete weapons' system, the P.1B has been ordered by the Ministry of Supply and will go into service with the RAF as an all-weather day and night fighter.

Stress Analysis

Recent advances in the field of material stress analysis will be surveyed at a summer course being held at the Massachusetts Institute of Technology. Program is directed at Mechanical, aeronautical and civil engineers and is scheduled for June 17-28. Cost of the course is \$250.



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