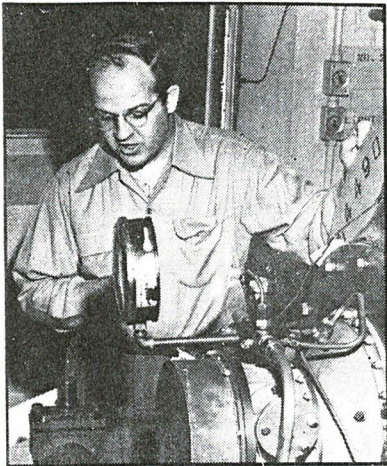


NAMES IN THE NEWS

Douglas W. Knowles has resigned as chief engineer of the Gas Turbine Division of Avro Canada, it has been announced by Val Cronstedt, director of engineering for the Division.

Mr. Knowles, though still just 36, is one of Canada's pioneers in the field of gas turbines, having been closely associated with design and development work on this newest form of motive power ever since the Canadian government sent teams of young engineers to England to look over Sir Frank Whittle's brainchild. He was, in



DOUG. KNOWLES

fact, one of the first half dozen young Canadians recruited by the NRC during World War II to go to England and study and investigate gas turbine developments there.

He was first assigned to Power Jets Limited, Sir Frank's own gas turbine development firm, and later worked with other British engine manufacturers who were then getting active in jet propulsion.

In 1944, when the Canadian government set up a Crown company, Turbo Research Limited, to carry out all Canadian research work on gas turbine engines, Doug. Knowles became one of the first members of the staff. In this capacity he was intimately connected with the early design and development of the Chinook. In the spring of 1946, the work of Turbo Research was assigned to Avro Canada, which also took over practically all of its assets, including personnel, equipment, and numerous facilities. One of the most important of these assets was Doug. Knowles.

He continued to be closely associated

with the Chinook, which first ran in March, 1948, at the same time becoming engrossed in the design and development of a larger, more powerful engine, the Orenda, this project being initiated in the late summer of 1946.

By token of his early association with Canada's jet industry, and the fact that he has remained closely associated with it longer than any one man, Mr. Knowles' contribution to Canadian gas turbine development is a unique and considerable one. Throughout his service with Turbo Research and Avro Canada, he has been, variously, head of laboratory design, Chief Test Engineer, Chief Development Engineer, and finally, Chief Engineer.

James Rice, chief engineer for Queen Charlotte Airlines, has received official approval from the Department of Transport as an Aeronautical Engineer, and may now initiate and approve aircraft structural design and modifications on behalf of the Department. Prior to joining QCA, Mr. Rice was with CPA, and earlier served as a design engineer with Avro Canada.

Robert A. Neale, vice-president of manufacturing for Canadair Limited, has been asked to speak before the Royal Aeronautical Society's meeting in England next September, following the SBAC Show at Farnborough. Mr. Neale, who is considered one of North America's foremost aircraft production experts, will outline Canadair's production techniques to top aviation personnel from all over the world.

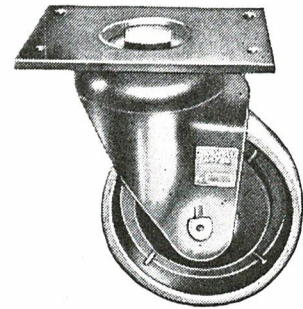
E. J. McDermott has been named secretary-treasurer of Railway & Power Engineering Corporation Limited, and Dominion Wheel & Foundries Limited.

★ **George Oscar** has been appointed assistant chief design engineer of the Aircraft Division of Avro Canada. Mr. Oscar will be responsible for co-ordinating all armament and fire control activities within the engineering organization of the Aircraft Division. Before joining Avro Canada he was at the Armament Laboratories at Wright Patterson Air Force Base, Dayton, Ohio.

J. Roy Gordon has been elected vice-president & general manager of Canadian operations of The International Nickel Company of Canada, Limited, succeeding the late R. Leslie Beattie in

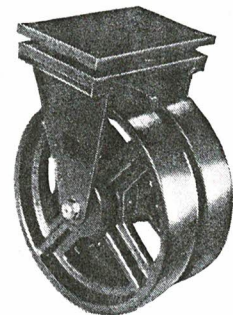
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**PROBLEM?
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