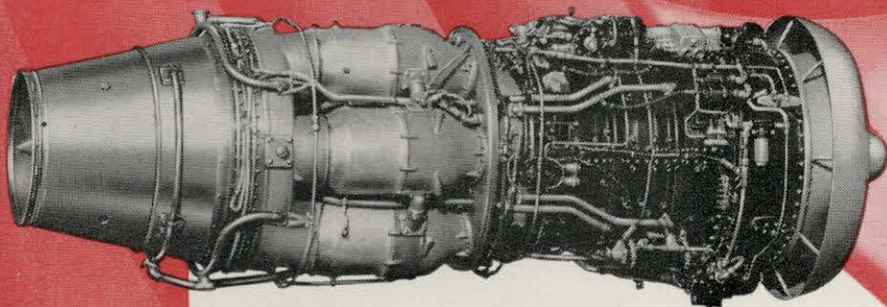




POWERPLANT *..with a mission*



Destined to power all R.C.A.F. front line fighter aircraft, the Orenda is now in production at AVRO Canada's new jet engine plant at Malton, Ontario. This important current and future assignment for this powerful turbo-jet is being fulfilled through its installation in AVRO Canada's own CF-100 and the F-86 Sabre. Meanwhile designers and engineers maintain a ceaseless drive to make the Orenda still more powerful and more efficient. With quantity production of the ORENDa underway, Canada's self-sufficient Jetpowered aviation industry inherits its rightful independence in the Jet Age.

This all-Canadian turbo-jet recently powered an R.C.A.F. CF-100 on the longest non-stop flight yet made by a jet in Canada. Improved all-round performance of the Sabre has been made possible by the Orenda delivering as it does, approximately 25% more power than the American-made engine used until now. Winter testing of the CF-100 north of Edmonton will furnish additional trials for AVRO Canada's tough all-weather fighter. Equally rigorous tests under conditions of extreme heat are ahead for engine and aircraft. These constantly increasing demands of Jetflight are being anticipated and met by AVRO Canada with design, research and production facilities equal to any in the world.

GAS TURBINE DIVISION -

A.V. ROE CANADA LIMITED

MALTON, ONTARIO

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