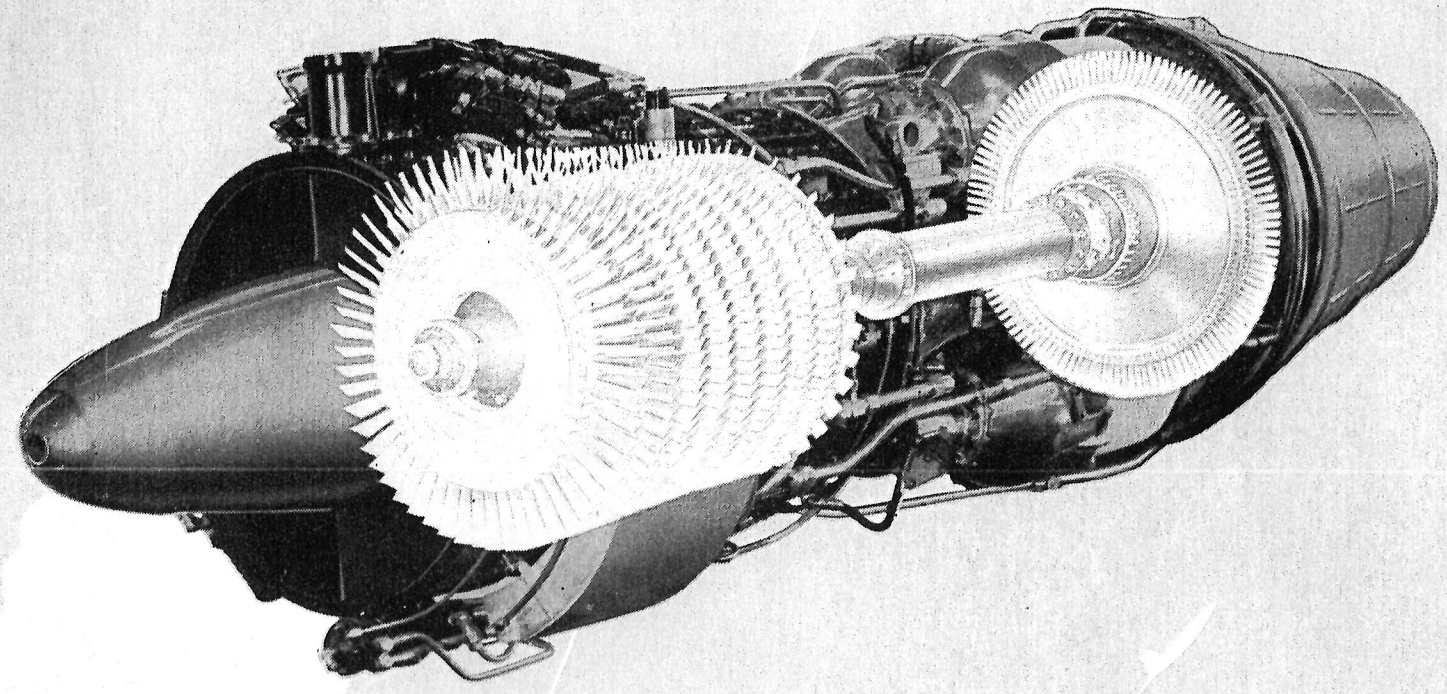

the simplicity of jetpower

The simplest applications of energy by early man included the wind that filled the primitive sail, the fire that warmed the cave and the rotation of the wheels that creaked under the first vehicle. Today these same forces have been ingeniously combined in the jet engines being built by AVRO Canada.

In the AVRO Chinook jet engine, air is gulped into the intake at 2,000,000 cu. ft. per hour; heat speeds the man-made gale to an exhaust velocity of 1,200 miles an hour at the same time rotating one simple shaft with a full-throttle speed of 10,100 r.p.m. Simple, yes, but with the simplicity of genius, the efficiency that is transport's greatest need . . . and a guarantee of safe, fast, vibration-free air travel.

At AVRO Canada the Orenda gas-turbine is showing test figures unmatched by any other engine of its type in the world. Designed and developed by Canadians it has been selected for the honour of powering the R.C.A.F.'s still-secret twin-jet fighter. Its future role in military and commercial aircraft is assured.

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