

### Power For CF-105

Charles A. Grinyer, vice-president engineering and chief engineer of Orenda Engines Ltd., Malton, Ont., referred to the power unit of the Avro CF-105 at the SAE National Aeronautic meeting in New York. He said that the low engine weight of the Iroquois would prove of great benefit in the CF-105 interceptor. This light construction had been obtained through the use of titanium and the resulting simpler rotor arrangement.

### New Porsche Engine

Dynamometer test runs were recently completed on the first aircraft engine to be produced in Germany since the war. Manufactured by Porsche, the engine is a four-cylinder, four cycle horizontally opposed model. Develops 65 hp at 1,900 rpm. Fuel consumption is between 5.6 gallons per hour at take-off, and 4.1 gallons per hour at cruising speed.

### Writer Honored

Dr. Edward Warner, recently retired president of the Council of the International Civil Aviation Organization in Montreal, has been made the first honorary member of the recently formed International Society of Aviation Writers. Dr. Warner has published many articles on aviation subjects. From 1929 to 1934 he was editor of Aviation Magazine.

### Standardization Gain

Exchange of technical information and cross-licensing of patents has been agreed between the British firm of Graviner Mfg., Co., Ltd., and Fenwal Inc., of Ashland and Framingham, Mass. Both firms make fire and overheat detection and prevention systems for aircraft. The agreement provides basis for international technical standardization of materials and services.

### USAF Testing APR

The United States Air Force Wright Air Development Centre has placed an evaluation order for three Applied Research Ltd. Airborne Profile Recorders in the new printed-circuit Mark 5 version. The Canadian developed equipment will be tested for possible installation in survey and mapping version of the C-130A Hercules which Lockheed has under development.

### Lycoming Turbine

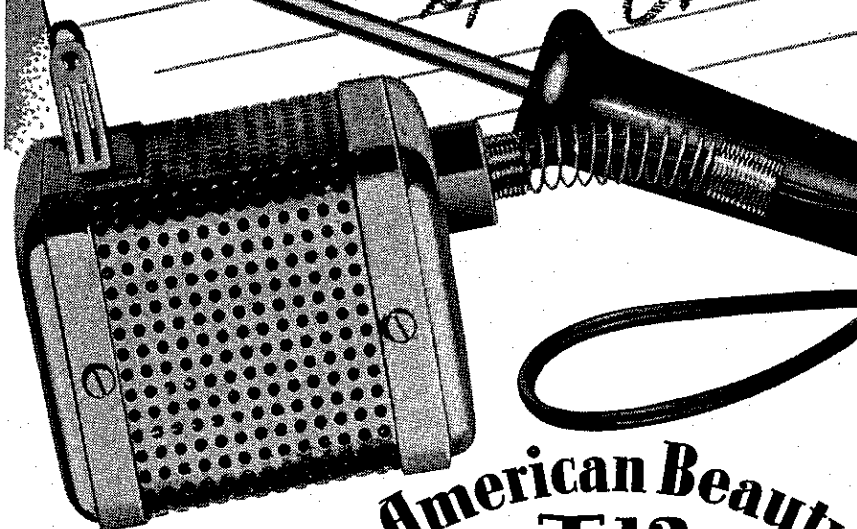
Development of the T55 free-power turbine aircraft engine is announced by Lycoming Division of Avco Manufacturing Corp., Stratford, Conn. New project is a sister engine to the T53, currently undergoing test by the U. S. Army.

### Orpheus Progress

Latest version of the Bristol Orpheus lightweight turbojet engine, the Orpheus B Or 11, is rated at 5,760 lb.

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