



THE ROOT OF THE MATTER

Orenda is pioneering many new concepts in jet engine design.

The IROQUOIS supersonic turbojet, now producing over 20,000 lbs. (dry) thrust in its early development, incorporates several. The outstanding performance of the IROQUOIS, combined with inherent low weight, is the reason it has been selected for the Avro Arrow, Canada's new supersonic interceptor.

Illustration shows stress patterns in a jet engine blade root under load, using color photography and photo-elastic stress analysis.

 **ORENDA** *ENGINES LIMITED*
MALTON, CANADA

MEMBER: A.V.ROE CANADA LIMITED & THE HAWKER SIDDELEY GROUP