



Rehearsal for Mach 3 at 100,000 feet

IROQUOIS development engines have completed over 5,000 hours of bench running in these test cells at Malton and in flight tests.

Over 100 hours were accumulated during a recent series of test runs at the NACA Lewis Flight Propulsion laboratory, Cleveland, Ohio.

Further tests will be conducted in Orenda's new high altitude facility to investigate IROQUOIS performance over the widest range of speed and altitude.

IROQUOIS test results at NACA Lewis Flight Propulsion laboratory, Cleveland, U.S.A.

1. Probably highest dry thrusts recorded in North America for turbojets.
2. Successful operation under sustained high inlet temperatures.
3. Normal relights up to 60,000 feet, the limit of the tunnel, proved effectiveness of Orenda patented method.
4. Altitude handling improvements incorporated within two months.
5. Thrust/weight 5:1.
6. Thrust—in the 20,000 lb. class (without afterburner).

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ORENDA *ENGINES LIMITED*
MALTON, CANADA

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