

CANTECH INSPECTIONS LIMITED

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Keywords: All Facets of Non Destructive Examination.

History: June 1987, Contracts with Innotech Aviation, Canadian Aircraft Products and active with Air B.C.

Capability/Products: Specialized qualifications, held only by Cantech in Canada and Western U.S.A.

X-ray radiography: Sperry 160 Kv and 300 Kv X-ray machine, focused and multi-directional tube heads. Kodak automatic X-ray film processor, 70 films per hour.

Low and high frequency eddy current surface and subsurface inspection, multi-layer examination, conductivity testing, heat treatment/heat damage verification: Zetec MIZ-40 and Hocking Phase D6 eddy current instruments.

Ultrasonic, liquid penetrant, and magnetic particle inspections of turbine engine and aircraft components: Krautkramer USD10 ultrasonic unit and Magnaflux 3000 amp stationary magnetic particle unit for wet fluorescent inspections.

Metallurgical evaluation, hardness testing, and chemical analysis.

Welding. Performance qualification to MIL STD 1595A and DND specifications.

Quality control and quality assurance in compliance with Transport Canada, Lear, Cessna, Garrett, Textron Lycoming and McDonnell Douglas Standards.

Experience: Lear Jet Qualifications, Garrett Engines. Cantech's specialists are fully qualified (level II and III) to Canadian General Standards Board (CGSB) and American Society for Nondestructive Testing (ASNT) specifications for all current engine and aerospace component non-destructive testing methods. Cantech technologists have extensive experience and broad backgrounds in aerospace structures, engines, components, metallurgical analysis, composite material evaluation, and general aviation maintenance.

These highly skilled personnel, among the very best in the aerospace business are supported by state-of-the-art equipment, instrumentations in compliance with Military (MIL), American Society for Testing and Materials (ASTM), Department of National Defence (DND), and manufacturers' standards.

Cantech offers a mobile field inspection service in western Canada.

Current Market Activity: Abbotsford International Airshow, PAME, Various Aerospace Trade Shows.

Market Strategy: Specific Trade Shows, Direct Marketing, Western Canada, U.S.A.

Average Work Force: 12 Technicians:

Gross Sales: \$1.2 Million

Export Sales: \$120,000

Qualifications: Government/Military/Independent Certificates

Date: August 15, 1992