

destruction testing, chemical analysis, and three-axis co-ordinate measuring equipment.

Keywords: 1 = Aircraft; 3 = Avionics; 7 = Electronics; 15 = Radar; 18 = Space Systems; 20 = Miscellaneous; Components = 1; Rudder Assemblies = 1; Engine Fairings = 1; Doors = 1; Engine Nacelles = 1; Bonded Components = 1, 18; Ailerons = 1; Bonded Honeycomb Assemblies = 1; Cowlings = 1; Speed Brakes = 1; Flaps = 1; Graphite Avionics Doors = 1; Panels = 1; Helicopter Blade Subassemblies = 1; Medevac Kits = 1; Welded Antennas = 3, 15; Air Cushion Vehicles = 1; Composite Components = 1, 7, 15, 18; Cabinets = 7; Satellites = 18; Antennas = 3, 15; Sonar = 20; Repair & Overhaul (Sonar) = 20; Transducer Structure = 20; Heat Exchangers = 20; Variable Depth Sonar Systems = 20; VDS Hoist Systems = 20; Airframe Components = 1.

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FOOTTIT MITCHELL AND ASSOCIATES

Code: FMA

Address: 77 Metcalfe St, Suite #808
Ottawa, Ontario, Canada K1P 5L6

Contact: Mr. J C Bond, Senior Consultant - (613) 563-0236

History: Foottit-Mitchell and Associates is a Canadian owned company founded in 1976 with its office in Ottawa, Ontario. The objectives of the company are two fold:

- To provide an interface between industry and appropriate Canadian Government departments and agencies.
- To provide advice to industry on the establishment of liaison on company-to-company and company-to-government bases.

Capability: Senior members of the firm have had extensive experience in both Canadian Federal Government and industry in the fields of research, development and production. Much of this experience has been in the area of US-Canada defense-industrial cooperation. The combination of industrial and government experience is applied to the facilitation of government-industrial relationships and to company-to-company cooperation in the following areas Aerospace, Electrical and Electronic, Shipbuilding, General Manufacturing, Government Organization, and Systems Planning and Management Evaluation.

Foottit-Mitchell and Associates, in addition to the professional staff of four, has a number of associates with specialized functional knowledge who are called in for specific tasks.

Average Work Force: Professional - 4
Support Staff - As required

Gross Sales: No Data

Plant Size: 1,500 sq ft

Experience: Foottit-Mitchell and Associates currently provides service to twenty manufacturing companies of which several are located in the US. The provision of these services involves contact with most Canadian Federal Government departments and agencies, particularly with the Departments of National Defense and of Supply and Services. The work with these agencies is conducted at all organizational levels and has been concerned with policy, technology, marketing, funding and contracting.

Keywords: 1 = Aircraft; 3 = Avionics; 7 = Electronics; 18 = Space Systems; Consulting = 1, 3, 7, 18;

Government Relations = 1, 3, 7, 18; Systems Planning = 1, 3, 7, 18.

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FOUNDATION INSTRUMENTS Inc

Code: FII

Address: 24 Colonnade Road
Nepean, Ontario, Canada K2E 7J6

Contact: Mr. Attila J Szanto, President - (613) 226-4000

History: Foundation Instruments Inc is a corporation specializing in research, development and manufacturing for the communications industry, primarily in the area of fiber optics. They have distributors around the world and a plant in New York State.

Capability: Foundation Instruments Inc is a high-technology company that performs design and development of communications equipment and systems. The primary area of expertise is in fiber optic communications equipment and systems. Other areas of expertise and demonstrated capability are in custom design of energy use, monitoring and control instruments, and in industrial process control; including the use of computer or micro-computer technology.

Company capabilities are both varied and wide-ranging because of their extensive research and development background. The company product line reflects this capability and includes - portable microphone mixers for broadcast use; a sub-miniature time-date generator for video systems; military secure voice switchboard; telemetry and data acquisition systems, seismic recording equipment; broadband video switchers (to 100 MHz); and fiber optic communications equipment, systems and components.

The research capabilities with respect to fiber optic systems are best related by referring to systems that have been or are currently being designed by Foundation Instruments' personnel. These projects include - fiber optic transmission system; 20 MHz baseband analog with broadcast video performance; 100 mB/s digital link; bi-directional low speed (56 kB/s) data links; and special fiber optic system for a ship-board communications simulator. Secure data circuits using fiber optics, subscriber and central office terminals for telephone systems, T1 and T2 rate long haul fiber optic communications, tactical fiber optic communications systems and fiber optic performance measurement instruments, are also products which Foundation Instruments Inc is designing.

Foundation Instruments' capabilities are being expanded to include multi-channel fiber optic communications systems, microprocessor based instrumentation development, clean room facilities, environmental test facility and optical device handling and assembly.

Average Work Force: Engineers - 22
Production - 13
Admin - 5

Gross Sales: 1980 - \$1M
1981 - \$2.4M
1982 - \$1.5M
1983 - \$2.0M

Plant Size: 20,000 sq ft planned for new facility by Jan 1984

Experience: Foundation Instruments Inc has experience with government and commercial corporations, several of which are listed below:

- Department of National Defense
- Atomic Energy Canada Ltd (AECL)
- Northern Telecom