

- Bristol also manufactures the Black Brant sounding rocket, and CRV7 Rocket Weapon System.

**AVERAGE WORK FORCE:** Salaried – 451  
Hourly – 759  
Technical – 175

**GROSS SALES:** 1986 – \$100.0M  
1987 – \$106.0M

**PLANT SIZE:** Production – 561,000 Sq Ft  
Warehouse – 95,000 Sq Ft  
Office – 121,000 Sq Ft  
Acreage – 3,000 Acres

**EQUIPMENT:** Complete facilities and equipment for metal forming, welding, machining and metal treating. They have a complete range of Computer Numerical Control (CNC) Machining Equipment such as Sandstrand S80/S60/OM2A, 5 axis machining center, Mazak V20/V5, 3 axis machine center (4) Giddings Lewis 48" swing CNC Vertical Turning Lathes (VTL), (3) Mori Seiki CNC Horizontal Turret Lathes and a Mazak CNC Horizontal Mill Center with Robot loading. They also have (2) Raycon CNC EDM machines, (2) Electron Beam Welders (EBW) – one of which is a Sciaky CNC machine with 54" x 50" x 54" chamber.

Also included is a McAuto CAD/CAM system with (3) VAX 11/750 computers, (14) design terminals, and Calcomp Platten – a masterlink DNC system to the CNC machines.

Special facilities include a Helicopter Test Cell, Non-Destructive Test Laboratory, Electronic Test Laboratory and a CNC (4) axis Co-ordinate Measuring Machines (CMM).

**EXPERIENCE:** Approximately 60% of Bristol's sales are exported – with over 50% of these sales to the US military.

Canadian customers includes DND, National Research Council, Pratt & Whitney of Canada Ltd, Atomic Energy of Canada, Boeing Canada Ltd, Canadair Ltd, the dehavilland Aircraft of Canada Ltd, and others. International clients include Dornier GmbH (Germany), Royal Netherlands Air Force, the Swedish Space Corporation, and the Romanian Government.

Bristol has been approved by the Canadian Ministry of Transport for Canadian Aircraft maintenance, and the Canadian Forces for manufacturing testing and overhaul. The quality requirements of MOT and FAA and the Canadian DND 1015 or MIL-Q-9858A are met for manufacturing, repair and overhaul.

**KEYWORDS:** Airframe Components; Airframe Structures; Coatings; Data Acquisition; Die Fabrication; Engine Components; Engine Systems; Gas Turbine Components; Gear Boxes; Heat Treating; Helicopter Subsystems; Helicopter Wire Strike; Hydraulics; Instrumentation; Machining; Metalworking; Meteorological Stations/Equipment; Non-Destructive Testing; Nuclear Reactor Components; R&O (Aircraft); R&O (Engines); R&O (Helicopters); Remote Inspection Systems; Rocket Engines; Rocket Propellant; Rockets; Spin Forming; Stamping; Titanium; Tooling; Transmissions.

**REVISED:** February 88

## BRITCO BUILDING SYSTEMS Ltd

**ADDRESS:** 20626 Mufford Crescent  
Langley, British Columbia, Canada  
V3A 4P7

**CONTACT:** Mr J M (Jack) Gin, Director, Marketing – (604) 530-2324

**HISTORY:** Britco Building Systems Ltd is a Canadian-owned British Columbia based company founded in 1977.

**CAPABILITY:** Britco Building Systems Ltd is a leading manufacturer of rigid portable buildings. They specialize in the following applications:

- EMI Shielded Equipment Shelters
- Helicopter Transportable Structures
- Hercules Transportable Structures
- Military Personnel Shelters
- Mobile Test Facilities

Britco offers a complete engineering, procurement, quality controlled manufacture, transport and installation service of portable and modular buildings.

Britco products are custom engineered for extreme environments and include electrical and mechanical systems. All-welded EMI shielded shelters providing 120 db attenuation have been applied to the North Warning Systems (NWS). Modular camps have been transported by Hercules aircraft to remote Northern locations complete with furnishings, kitchens and wash facilities.

Britco's specifications and compliances include: NATO AQAP Quality Assurance Specifications, MID-STD-285 Shielding Effectiveness, USAF Class 1 Shielding Effectiveness, and NSA 65-6 Shielding Effectiveness.

The company's disciplines include – EMI shielding systems, MIG welding, structural steel and sheet metal work, wood framing and finish carpentry work, electrical systems, and mechanical systems.

**AVERAGE WORK FORCE:** Management/Technical – 23  
Direct Labor – 65

**GROSS SALES:** 1986 – \$ 7.0M  
1987 – \$12.0M

**PLANT SIZE:** 42,000 Sq Ft (Expandable as required)

**EXPERIENCE:** Britco Building Systems Ltd's major customers include: Canadian Department of National Defence, Transport Canada, Raytheon Canada, Canac/Microtel, and Telesat Canada.

**KEYWORDS:** RF Shielding; EMP Shielding; Shielded Rooms; Screen Rooms; Building (Portable).

**REVISED:** February 88

## BRUCE D. VALLILLEE ELECTRONICS Ltd (Marketing Consultants)

**ADDRESS:** 36 Trawley Crescent  
Ajax, Ontario, Canada  
L1S 5X8

**CONTACT:** Mr Shawn D Vallillee, Vice President, Finance & Marketing (416) 427-7968

**HISTORY:** Bruce D Vallillee Electronics Ltd was established in 1971 and is a wholly-owned private Canadian Corporation. The company has two divisions also located in Ontario, M & T Management and S C Investments. The firm was formed by Mr Bruce Vallillee who has extensive background in the Canadian, US and European electronic and military component market. Mr Vallillee was formerly VP of Marketing & Sales, ITT Cannon Connector Division with previous equivalent positions with Erie Technological Products, Amphenol Canada and J R Longstaffe.

**CAPABILITY:** Bruce D Vallillee Electronics Ltd, Marketing Consultants, was established to create a market research, advisory and consulting function capable of developing timely and significant information useful in determining short and long range technical marketing strategies within the Canadian/US electronics industry. The company specializes in the investigation of market opportunities relative to military offset requirements and major programs as well as identification and pursuit of cross licensing, technology transfer arrangements. We provide an advisory and consulting service to both industry and government on electronic components and systems. The variety of our services include business planning and quality control programs, R&D funding, sourcing, industry surveys, export analysis, "in-house" training programs, audio visuals and professional presentations.