

BRISTOL AEROSPACE LIMITED

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History: Bristol Aerospace Limited is Western Canada's largest aerospace company. Founded in 1930, Bristol currently employs some 1650 people in the design, development, manufacture, and maintenance of a wide range of aerospace and high-tech products.

Capability/Products: F-5 Life Extension & Performance Enhancements: The designated support centre for the Canadian Forces' F-5, the re-living of the wing, dorsal longeron, stabilizers, formers, wiring and upgrading the avionics.

CRV7 Rocket Weapon System: CRV7 is available for both fixed or rotary wing aircraft. Extremely cost effective with demonstrated reliability of over 99%. It is in service in Canada and with various forces of NATO, Asean and Australasia.

Wire Strike Protection System: Bristol's WSPS is designed to provide a significant measure of protection against frontal strikes from horizontally strung mechanical, power and communications wire and cables. This is a low-cost, proprietary product, lightweight and maintenance-free for use on most makes and models of helicopters, military and commercial aircraft.

Black Brant Sounding Rockets: Bristol's solid propellant, single or multi-stage rockets provide the lowest cost access to space. Black Brants can carry payloads to altitudes in excess of 1500 kilometres.

Aeroengine and Aerostructure Components: Bristol undertakes work on some of the world's major aeroengine and aerostructure programs and embraces a complete spectrum of technology in a wide range of composites, exotic materials and manufacturing operations.

Helicopter Repair & Overhaul: A repair and overhaul contractor for the Canadian Forces' Bell family of helicopters in structural and dynamic components as well as avionics integration and development of "night vision" instrumentation.

Space Science Research: Development, manufacture, integration and packaging of space payloads for sounding rockets and NASA's space shuttle program, small satellite development.

Targets: A wide variety of remote controlled targets for training and testing many of the world's best weapon systems.

Experience: Bristol is the world leader in F-5 aircraft modernization and a world class designer, developer and manufacturer of a wide range of aerospace and high-tech products.

Bristol's machine shops are equipped with advanced numerically controlled machines used in the fabrication of a new generation of complex components for gas turbine engines. Bristol has a centralized 75,000 square foot center which houses the Company's extensive CNC machining capability, further enhancing its status as a Canadian leader in manufacturing technology. Bristol has a growing and substantial expertise in manufacturing using composite materials.

Modern CAD/CAM facilities enable Bristol's engineers to perform all of the functions ranging from product design to the programming of the various numerically controlled machines. All activities at Bristol are supported by a test and development laboratory equipped to carry out physical, mechanical, metallurgical, chemical and electric testing together with non-destructive testing employing x-ray, ultra-sonic and eddy current techniques.

Market Strategy: Southeast Asia - F5 modernization, CRV7 Rocket Weapon System, WSPS (Wire Strike Protection System), Europe/Middle East, South America - F5 modernization, WSPS.

Plant Size: 620,000 square feet.

Average Work Force: 1500 employees, 140 engineers and technologists.

Gross Sales: \$150 Million

Export Sales: \$60 Million

Ratio Commercial/Defence Exports: 30:70

Qualifications: AQAP-1

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