EQUIPMENT: No Data

EXPERIENCE: MBB Helicopter Canada Ltd as a subsidiary of Messerschmitt-Boelkow-Blohm GmbH (MBB) has access to a broad range of knowledge and expertise. MBB is a trusted partner around the world in various programs, including the TORNADO fighter aircraft, FANTRAINER primary training aircraft, AIRBUS transport aircraft, Space Labs, Satellites and Energy and Environmental programs.

The companies Canadian customers include the Canadian Coast Guard, ALC Airlift Corporation of British Columbia, Ontario Ministry of Natural Resources, Sealand Helicopters, Toronto Helicopters, and the Department of National Defence.

MBB Helicopter Canada Ltd is a rapidly expanding organization with a highly professional team who are eager to broaden present day programs.

KEYWORDS: BK 117 Helicopter; BO 105 Helicopter; Environmental Control; Flight Testing (Helicopters); Helicopters; R&O (Helicopters).

REVISED: February 88

McDONNELL DOUGLAS CANADA Ltd

ADDRESS: Box 6013
Toronto AMF, Ontario, Canada
L5P 1B7

CONTACT: Mr Garret G Ackerson, President & CEO – (416) 677-4341

HISTORY: McDonnell Douglas Canada Ltd (MDCAN), a wholly owned subsidiary of McDonnell Douglas Corp, St Louis, MO, was federally chartered in Jul 64 to manufacture aircraft and other aerospace products. The plant and head offices are located adjoining the Lester B Pearson International Airport, Toronto, Canada.

CAPABILITY: MDCAN is a fully-integrated high technology manufacturer of major airframe structural components for both commercial and military jet aircraft. Capabilities include design assist for major components and full management and implementation of tooling concepts, and design and manufacture for McDonnell Douglas DC-8, DC-9/MD-80 and DC-10/KC-10 aircraft. On these programs, MDCAN has total project management responsibility, including material and subcontract management. MDCAN has been a pioneer in manufacturing methods and equipment development, including substantial application of numerically controlled machines. Extensive work also has been done in the area of bonded metal components, automated machine controlled drilling and riveting and milling of spars of extended length components.

MDCAN is a leader in the design and implementation of integrated computer-assisted Management Systems in the ongoing development of Information Resource Management.

AVERAGE WORK FORCE: Engineers – 79
Machinists – 106
Tool Makers – 110
Others – 4071

GROSS SALES: 1986 – $308.9M
1987 – $293.0M

PLANT SIZE: 1,780,000 Sq Ft

EQUIPMENT: MDCAN's equipment is progressively updated to state-of-the-art with the result that MDCAN is a leader in computer aided manufacturing in the Canadian aircraft industry. The equipment used at MDCAN is that of a well-equipped airframe manufacturing facility producing large sophisticated airframe components such as MD-80 and KC-10 wings. Special equipment includes:

- Automated Hydraulic Powered Riveters – five 100' long machines; five 50' long machines.
- Numerical Control Equipment – 72 machining centers; 2 drill rivet/routers; 4 lathes; 1 coordinate measuring machine; 8 CNC presses; 1 digitizer plotter; and 2 tube benders.
- Computing Equipment – 1 IBM 4341; 2 IBM 3380; 2 DEC PDP11/70; 2 DEC VAX; and 2 Perkin Elmer 3250.
- Hydraulic Presses – 6 vertical and stretch form, up to 300 tons.

Other facilities include the Engineering Laboratory, heat treat, paint and process, and mechanized penetrant inspection units up to 100 feet in length.

EXPERIENCE: Since 1965, MDCAN has produced major fuselage structures for the DC-8 and major wing and fuselage structures for all commercial and military versions of the DC-9/MD-80 family. MDCAN was also active in the design and development of the DC-10, leading to design and manufacture beginning in 1968 of detail and assembly tooling for the DC-10 wing. Production deliveries of DC-10/KC-10 components have continued uninterrupted since 1970, including several versions, both commercial and military. Tooling and production of F/A-18 structural components was begun in 1982, and production continues for aircraft destined to the US Navy, the Canadian Armed Forces, and other allied defense forces.

KEYWORDS: Airframe Components; Bonded Components; Bonded Honeycomb Components; Coatings; Components (Airframe); Composite/Fiberglass Components; Extended Length Machining; Forgings; Fuel Systems; Heat Treating; Hydraulics; Machining; Metalworking; Structures; Tooling; Tubing; Wiring.

REVISED: January 88

MDS AERO SUPPORT CORPORATION

ADDRESS: 1351 Newton Street
Boucherville, Quebec, Canada
J4B 5H2

CONTACT: Mr T E Miller, Vice President, Business Development – (613) 744-7257

HISTORY: MDS Aero Support Corporation is a Canadian-owned company providing systems engineering support for gas turbine engine test facilities. The company has offices in Montreal, Quebec; Ottawa, Ontario; and Toronto, Ontario.

CAPABILITY: MDS Aero Support Corporation is primarily involved in the design, engineering, construction, maintenance and operational support requirements for engine test facilities. Their capabilities cover specialized engineering services for complete test facility design and construction as well as individual systems design, fabrication and installation including data acquisition systems, fluid control measurement systems, test stands and prototype systems. they provide operational configuration management support for engine test facilities through the provision of Field Service Representatives, documentation control, technical publications, training, engineering support, acoustical and vibration analysis, gas turbine engine related performance studies, Repair & Overhaul services an spare parts.

AVERAGE WORK FORCE: PhD – 1
Engineers – 15
Others – 25

GROSS SALES: 1987 – $4.0M
1988 – $6.5M (Est'd)

PLANT SIZE: 10,000 Sq Ft

EXPERIENCE: MDS Aero Support Corporation's present customers include various departments in the Canadian Government and industries in both Canada and the US for both military and commercial applications. The company is interested in doing business with the US Military and commercial operators.