

WHERE VISION TAKES FLIGHT

Manitoba Aerospace Directory

2009

Manitoba salutes
100 years of
powered flight
in Canada and
continuous growth
of aeronautics in
Manitoba. A pictorial
tribute can be found
inside this Directory.



Message from the Manitoba Aerospace Association

The Manitoba Aerospace industry has had a long history of manufacturing aircraft and aircraft components as well as supporting ongoing aircraft operations by providing maintenance, repair, overhaul, and specialty services to civilian and military aircraft operations. Our companies also provide special services such as aircraft modification and certification services. Our educational partners provide technical training and aerospace engineering degree courses. We have a strong record. The first powered aircraft flight took place in Manitoba on July 15, 190. Since then, Manitoba aviators and aerospace companies have been inventing, building, repairing and supporting numerous, high quality aerospace products of various kinds. We now provide aerospace products and services to customers in 100 countries on six continents. The Manitoba aerospace companies and partners listed in this Aerospace Directory are pleased to highlight the contributions of the men, women and aviation organizations that have contributed to the national and international aerospace scene over the past 100 years. Beyond celebrating the Centennial of Powered Flight in Manitoba in 2010, the Manitoba Aerospace community looks forward to contributing to the next exciting 100 years of powered flight in Canada and around the globe.

July 2010

Vic Gerden
Executive Director
Manitoba Aerospace Association
204-471-9979
vicgerden@mts.net

AEROSPACE COMPANIES IN MANITOBA

ACS - NAI Ltd.
Acetek Composites, Inc.
Acklands Grainger
Acsion Industries
Advanced Composite Structures
Aero Recip (Canada) Ltd.
AeroPlus (STM) Safety Training & Management
Aerotech Herman Nelson Inc.
Argus Industries Ltd.
Big Deal Custom Casings
Blayd Corporation
Boeing Canada Operations Winnipeg
Cadorath Aerospace Distribution Inc.
Cadorath Aerospace Inc.
Cadorath Plating Co.
Canada Wings Aviation Training Centre
Canadian Propeller
Carlson Engineered Composites Inc.
Castle Metals
Composites Innovation Centre
Cormer Group Industries Inc.
Custom Steel Manufacturing Ltd.
Deloitte
Dulude, Taylor Inc.
Enduron Custom Inc.
Environmental Testing Research & Educational
Centre (EnviroTREC)
FastAir Executive Aviation Services

Flightcraft Maintenance Services
Grey Owl Aviation Consultants Inc.
Harris Consulting
HindTech
Iders Incorporated
Industrial Technology Centre
Infomagnetics Technologies Corporation/Novra
Technologies Inc.
J.R. Stephenson Manufacturing Ltd.
K&S Tool & Die Ltd.
Keewatin Air Limited
Legacy Bowes Group
Magellan (Bristol) Aerospace
Maple Leaf Aviation Limited
MicroPilot
Southport Inc
StandardAero
Standard Machine Works
Standard Manufacturers Services Ltd.
Stevenson Aviation and Aerospace Campus, Red
River College
Tarry & Associates Ltd.
Thompson Unlimited
Wardrop Engineering Inc.
West-Can Inspection Limited
Winnipeg Airports Authority, Inc.

INDUSTRY SUPPORT

Economic Development Winnipeg .
Thompson Community Development Corporation
Trade Commissioner Service – Foreign Affairs & International Trade Canada
Manitoba Entrepreneurship, Training and Trade (ETT)

- Industry Consulting
- Industry Training Partnerships

Manitoba Aerospace Association Inc. (MAA)
Manitoba Aerospace Human Resources Council (MAHRC)
Western Economic Diversification Canada (WD)

AEROSPACE COMPANIES IN MANITOBA

ACS – NAI Ltd.

25 Dunlop Avenue
Winnipeg, Manitoba, Canada R2X 2V2
Tel: 204-783-5402
Fax: 204-783-5436
Website: www.acs-nai.com/

Contacts/Title:

- Rick Williamson, VP Manufacturing
- Doug Peters, VP Engineering

Facilities: 30,000 sq. ft.

Employees: 60

ACS-NAI is a Transport Canada Design Approval organization with the ability to approve aircraft design data in avionics, interior systems, structures, flammability and provides comprehensive manufacturing and maintenance solutions to customers locally, nationally and internationally. We are a Transport Canada approved manufacturer, distributor and maintenance provider of aeronautical products (AMO 88-97). We manufacture and distribute products designed by our engineering department and provide subcontract manufacturing to major airframe manufacturers and maintenance organizations worldwide.

Quality Standards/Certifications:

- Design Approval Organization, DAO 98-C-01 (Transport Canada approved)
- Transport Canada Approved Manufacturer and Maintainer (AMO 88-97) of Aeronautical Products
- Aircraft material burn/flame test certification (Transport Canada approved)
- AS9100 Rev. B Credited
- C.A.S.E. Approved
- Controlled Goods Approved

Principal Products and Services:

Engineering / Certification:

- Design, develop, testing and certification services for modification and repair aircraft
- Full engineering design and analysis capabilities
- Fracture mechanics and damage tolerance analysis (DTA)
- Development of aircraft modification kits
- Aircraft import / export support, Aircraft pre-import / purchase evaluations
- Aircraft upgrade feasibility studies

Manufacturing:

- Manufacturer of aircraft modification kits (STC) for a variety of fixed and rotary wing aircraft
- Manufacturer of aircraft replacement parts (PDA) and repair kits for a variety of fixed and rotary winged aircraft
- Sub-contract manufacturing for aircraft manufacturers
- Structural and electrical component exchange and maintenance services for aircraft operators

Special Equipment:

- CAD, NASTRAN finite analysis, SolidWorks CAD software
- Burn test lab
- CNC Routing, CNC Braking and Power Rolling, CNC and Conventional Machining (mill / lathe)
- Hydraulic Press Forming
- Coordinate Measuring Equipment (CMM)
- Electrical fabrication and test equipment

Major Clients:

- Bombardier Aerospace
- Midcoast Aviation
- Pilatus
- Piedmont Airlines
- Savannah Air Center

Established: 1976

ACETEK COMPOSITES, INC.

43 Muir Rd.

Winnipeg, Manitoba, Canada R2X 2X7

Tel: 204-885-8030

Fax: 204-957-5396

E-mail: info@acetek.ca Website: www.acetek.ca

Contacts/Title:

- Ray Cook, Operations Manager

Facilities: 20,000 sq. ft.

Employees: 15

Established: 2001

Quality Standards/Certifications:

- CAR573 certified (AMO#2001 – 77) – Structures and Components
- Approved Manufacture and Certification Organization (AWM 561) 2004
- RDC# C-RA03-059 (E-Beam cured repair for Airbus structure)
- ISO / AS compliant 9001 (certification pending)

Principal Products and Services:

- Radom repairs and testing services
- Repairing/refurbishing
 - rotor blade, flight control surfaces
 - cargo & cabin panels – ceiling, sidewall, floor
 - numerous composite parts, including cargo pods
 - galleys and washrooms
- Clean-room for part lay-up; large curing ovens
- 3-axis CNC core milling
- CAD-CAE-CAM technologies
- Mobile inspection and repair services to meet on-aircraft repair needs
- EB curing and repair technology
- Full painting services

Aircraft Type:

- Airbus A319, 320, 321, 330, 340
- Boeing 737, 757, 767
- Regional Jets, General Aviation Aircraft

Special Equipment:

- Hot-bonders (for complex composite repair geometries), Cure ovens and presses; autoclave
- 10 MeV, 4 kW Electron Beam Accelerator curing cell
- Multi-workstations equipped with vacuum and compressed air systems
- Industrial clean room for lay-up; environmentally controlled (temperature and humidity)
- CNC milling machine with program writing capabilities
- Measurement equipment and tooling devices calibrated to international standards

Major Clients:

North American Airlines, Third party MROs, Airline Leasing companies, General Aviation

ACKLANDS GRAINGER

Acklands Grainger
19 Scurfield Blvd.
Winnipeg, Manitoba Canada R3Y 1G4
Tel: 204-954-8910
Fax: 204-947-1584
E-mail: kuchinskiq@agi.ca Website: www.acklandsgrainger.com

Contacts/Title:

- Quentin Kuchinski, National Account Manager

Principal Product & Services:

Canada's largest distributor of industrial, safety and fastener products, (Hand Tools, Power Tools, Metalworking, Fasteners, Electrical, Facility Maintenance, Material Handling, Safety Equipment). More than 100,000 unique items in stock, 170 branches and 7 distribution centres from coast to coast to coast.

Acklands-Grainger is working with suppliers every day to offer you new and reformulated products that can help you reduce your environmental footprint. Attributes include: extended life product, recycled content, reduced energy consumption, reduced resource use, reduced water consumption, reusable & refillable and TCLP compliant.

Established: 1905

ACSION INDUSTRIES

P.O. Box 429
Bldg. 402, Ara Mooradian Way
Pinawa, Manitoba, Canada R0E 1L0
Tel: 204-753-2255
Fax: 204-753-8466
E-mail: acsion@acsion.com Website: www.acsion.com/

Contacts/Title:

- Chris Saunders, President

Principal Product & Services:

- AcSION serves the ever-increasing electron beam (E-beam) processing needs in North America. E-beam curing produces high-performance composite aerospace parts. It makes it possible to build composite structures without the need for slow, high-temperature, high-pressure curing cycles with associated expensive fabrication tools.
- E-beam cure opportunities in the aerospace market consist of both manufacturing and repair of composite and metal bonded structures. Acetek Composites, AcSION's manufacturing company, provides composite repair services and new composite products to our aerospace customers, using many of the latest technologies, including E-beam curing. Our key markets include:
 - New & replacement composite parts and assemblies
 - Composite part repairs
 - Protective coatings for composite parts
 - Low-cost prototype tooling
 - Metal-to-metal bonded parts and assemblies
 - Metal-to-composite bonded parts and assemblies
- AcSION's research team, in collaboration with Acetek's engineering staff, work with your design and incorporate E-beam curing into your manufacturing line, so that your company can realize the technical and cost benefits of E-beam curing.

Employees: 12

Established: 1998

ADVANCED COMPOSITE STRUCTURES

43 Muir Road

Winnipeg, Manitoba, Canada R2X 2X7

Tel: 204-982-6565

Fax: 204-982-6555

E-mail: acs@acs-composites.com Website: www.acs-composites.com/

Contacts/Title:

- James Anning, President
- Bruce Anning, Director of Maintenance
- Glen Frye, Production
- Brenda Schmidt, Customer Service

Facilities: 20,000 sq. ft.

Employees: 15

Quality Standards/Certifications:

- AMO#39 - 89
- EASA.145.7127
- Working Towards a Design Approval Organization

Principal Products and Services:

- Specializing in repair and overhaul of composite components such as: helicopter rotor blades, fairings/cowlings, passenger, cargo floor panels radomes and prop spinners and flight control surfaces
- Manufacture composite repair equipment and tooling
- Composite component manufacturing
- In-house composite repair design capabilities
- Expanded repair capabilities for composite components
- Hot bonding repair capabilities up to 350F

Aircraft Type:

- Eurocopter, Bell, MD Helicopters, Schweizer, Sikorsky, Fokker, Cessna, Pilatus, Airbus, Boeing, Hamilton-Standard, De Havilland

Special Equipment:

- Cleanroom, positive pressure
- Various curing/bonding ovens up to 9'H x 14'W x 30'L
- Temperature control units
- Positive and negative pressure tooling

Major Clients:

- StandardAero, Canadian Forces, Aveos Fleet performance, Air Canada, Dept. of Homeland Security, U.S. State Agencies
- Large and small fleet operators

Established: 1988

AERO RECIP (CANADA) LTD.

540 Marjorie Street

Winnipeg, Manitoba, Canada R3H 0S9

Tel: 204-788-4765

Fax: 204-786-2775

Toll Free: 1-800-561-5544

E-mail: info@aerorecip.com Website: www.gregorashaviation.com

Contacts/Title:

- Tracey Gregorash, General Manager

Facilities: 30,000 sq. ft.

Employees: 40

Quality Standards/Certifications:

- Transport Canada approved overhaul facility (Approval #45-89)
- EASA approved

Principal Products and Services:

- Repair and overhaul of Pratt & Whitney R985 and R1340 radial engines, and all models of Continental and Lycoming engines, cylinders and related accessories.

Special Equipment:

- NDT equipment (Ultrasonic Magnetic Particle & Fluorescent Penetrant)
- Welding equipment for aluminum cylinder heads and miscellaneous welding
- Sandblast and glass bead equipment
- Surface treatment of magnesium aluminum parts
- Metalizing equipment
- Spray paint equipment (cylinder overhaul and honing equipment)
- Rockwell hardness tester
- Accessory shop equipped to overhaul and test carburetors, fuel injectors, magnetos, harnesses, fuel pumps and turbo systems

Established: 1988

AEROPLUS (STM) SAFETY TRAINING & MANAGEMENT

Tel: 204-471-9979

Fax: 204-489-7024

E-mail: vicgerden@mts.net

Contacts/Title:

- Vic Gerden, President

Principal Products and Services:

- Provision of safety consulting, training and executive management services to aerospace and aviation organizations.
- Aerospace and aviation studies and projects

Major Clients:

- Manitoba Aerospace Association
- Aerospace and aviation companies
- Aviation-related investigative associations and companies
- Government agencies

Established: 2006

AEROTECH HERMAN NELSON INC.

100 Eagle Drive

Winnipeg, Manitoba, Canada R2R 1V5

Tel: 204-633-1999

Fax: 204-694-1612

E-mail: sales@hermannelson.com Website: www.hermannelson.com/

Contacts/Title:

- Joe Frend General Manager / VP

Facilities: 24,000 sq. ft.

Quality Standards/Certifications:

- ISO 9001

Principal Products and Services:

- Specializes in sales, parts and service of aircraft ground support equipment such as: Aircraft maintenance, Indirect Fired "completely portable" heating systems for "extreme weather" conditions and Flameless Portable Heating systems for high risk fire situations.

Major Clients:

- NATO
- Major airline companies
- Governments of Canada and U.S.A.
- FedEx

Established: 1973

AML WIRELESS NETWORKS INC.

260 Saulteaux Crescent

Winnipeg, Manitoba, Canada R3J 3T2

Tel: 204-949-2400

Fax: 204-889-1268

Toll Free: 1-800-663-7902

E-mail: info@amlwireless.com

Website: www.amlwireless.com/

Contacts/Title:

- Bill Baines, President

Employees: 12

Facilities: 14,500 sq. ft.

Principal Products and Services:

- AML Wireless Networks is a world leader in wireless communications. For 30 years we have manufactured and installed microwave technologies around the globe. AML Wireless Networks provides broadband wireless solutions for the delivery of voice, data and video services in digital and analog with two-way capabilities. The company designs, manufactures and markets microwave transmission equipment and networks for the cable television industry, as well as T-1, E-1 and 1P microwave radios for the telecom and ISP industries. The broadband microwave network links are used to economically traverse between two locations, enable faster installations over landline alternatives or to meet the technology needs of the specific network. Our systems have been in the field for many years with a proven track record of outstanding performance.

ARGUS INDUSTRIES LTD.

Head Office:

20 Murray Park Road
Winnipeg, Manitoba, Canada R3J 3T9
Tel: 204-837-4660
Fax: 204-896-4250

Branch Office:

963 Brock Road South, Unit #6
Pickering, Ontario L1W 3A4
Tel: 905-420-3336
Fax: 905-420-3394

Metals Division

250 Saulteaux Cresent
Winnipeg, Manitoba, Canada, R3J3T2
Tel: 204- 837-4660 Fax: 204- 697-0578
E-mail: info@argusindustries.ca Website: www.argusindustries.ca/

Contacts/Title:

- Michael Easton, President & CEO; E-mail: Mike@argusindustries.com
- Ross A. Roy, VP Sales/Marketing; E-mail: ross@argusindustries.ca

Facilities:

- 28,000 sq. ft. manufacturing plant/Head Office
- 20,000 sq. ft Metals manufacturing plant
- 5,000 sq. ft. Pickering Branch plant

Employees: 65

Quality Standards/Certifications:

- ISO9001:2000
- AS 9100 spring of 2005
- Bombardier Aerospace Approvals
- QAS/004 - Classification A - Subcontractor
- Classification C - Manufacturer
- MPS 144-5, MPS 138-41, MPS 138-42, MPS 155-55, MPS 180-9

Principal Products and Services:

- Elastomeric sealing solutions. Specializing in custom 3D fluoro silicone/ silicone/rubber injection molded seals and custom 2D steel rule die cut gaskets & CNC knife cut gaskets / seals.
- Materials we specialize in are: Fluoro Silicone, silicone, Viton, black rubber (all common rubber compounds), industrial cork/rubber, cork /silicone, sponge rubber/foam, Trim-lok trim edge/seal.
- Aerospace parts currently manufactured: are bulkhead seals, vent seals, fuel tank seals and various bulb seal subassemblies.
- CNC Metal Machining, lathe work, machined metal parts, off load & custom designed work.
- Custom tooling, dies, molds, fixtures, jigs, machining

Special Equipment:

- Rubber & Plastic Injection Molding Machines
- Rubber Compression Machine (46x48 platen size - 700 Ton)
- Several Presses for material conversion/die cutting.
- LaserQC - Automated 2D laser scanning/part inspection system. Used for S.P.C., first article inspection and producing CAD drawings all in seconds.
- CNC Mills, CNC Lathe, welding, conventional equipment.
- Aerospace Quality Lab on site for all aerospace inspections, material conversions and subassembly work.
- Postcure/postbake convection oven
- Automated, laser sighted sitting machine for high specification material conversions in strip form. (aka. Tight spec weather striping)

Major Clients: StandardAero, Bombardier Aerospace, and several OEM suppliers to the aerospace & defense industries.

Established: 1962

BIG DEAL CUSTOM CASINGS

100 Durand Road

Winnipeg, Manitoba, Canada R2J 3T2

Tel: 204-663-4870 Fax: 204-668-7404 Toll Free: 1-800-337-3325

E-mail: gdealey@bigdealcases.com Website: www.bigdealcases.com/; www.bigdealcases.ca/

Contacts/Title:

- Gary Dealey, President

Facilities: 10,000 sq. ft.

Employees: 5

Quality Certifications:

- ATA spec. 300 Category 1
- Roto Moulded and Injection Moulded Cases

Principal Product & Services:

- Foam lined cases, other protective wrapped cases. Cartons used for transport of electronic instruments and components (i.e. computers etc.). Cases are also used by the health products and aerospace industries. Products: A.T.A. flight cases; Plywood container systems, Base hardware.
- Rotation Moulded

Major Clients:

- Bristol Aerospace
- Boeing Canada Operations
- StandardAero
- GE Nuclear

Established: 1976

BLAYD CORPORATION

Box 939

184 Main Street North

Carman, Manitoba, Canada R0G 0J0

Tel: 204-745-2878

E-mail: blayds@mts.net

Contacts/Title:

- Earl Calverley, Manager

Facilities: 10,000 sq. ft.

Employees: 3

Quality Standards/Certifications:

- Transport Canada Manufacturing Approval

Principal Products and Services:

- Hydropress forming of aluminum and steel -600 ton capacity
- Part production and assembly
- Tool and fixture production
- Solution heat treating
- Precipitation heat treating
- Machining facilities

Major Clients:

- ACS-NAI Ltd
- Keewatin Air

Established: 1989

BOEING CANADA OPERATIONS LTD.

99 Murray Park Road
Winnipeg, Manitoba, Canada R3J 3M6
Tel: 204-888-2300
Fax: 204-837-2807
Website: www.boeing.ca

Contacts/Title:

- David Hyem, President & General Manager

Facilities: 616,500 sq. ft.

Employees: 1,400

Quality Standards/Certifications:

- DOT (Airworthiness)
- D1-9000

Principal Products and Services:

- High strength-to-weight ratio solid laminate and sandwich panels and assemblies in support of Boeing Commercial Airplane production.
- Engine Strut Forward and Aft Fairings
- Wing to Body Fairings

Special Equipment:

- CNC Trim (5, 4, 3 axis)
- Clothcutting
- Autoclaves
- CNC Core Carver (6 axis)
- Non-destructive Inspection

Major Clients:

- Boeing Commercial Airplanes

Established: 1971

CADORATH AEROSPACE DISTRIBUTION INC.

2070 Logan Avenue
Winnipeg, Manitoba, Canada R2R 0H9
Tel: 204-985-1317
Fax: 204-985-1327
E-mail: rhartfiel@cadorath.com Website: www.cadorath.com/

Contacts/Title:

- Gerry Cadorath, President
- David Haines, General Manager

Facilities: 4,000 sq. ft.

Employees: 9

Quality Standards/Certifications:

- DOT, approval #79-94

Principal Products and Services:

- Parts distributor for Allison A250 engines and engine components
- Parts distributor for Bell & Sikorsky Helicopters airframe components

Established: 1992

CADORATH AEROSPACE INC.

2070 Logan Avenue

Winnipeg, Manitoba, Canada R2R 0H9

Tel: 204-633-2707

Fax: 204-632-7663

Contacts/Title:

- Gerry Cadorath, President
- Ray Last, General Manager -Cadorath Engineer Coatings Division
- Dave Haines, VP of Aerospace Operations
- Meloney Mitchell, Director of Quality Assurance

Facilities: 40,000 sq. ft.

Employees: 55

Quality Standards/Certifications:

- DOT #86-91
- ISO 9001-2000
- EASA Part 145
- Rolls-Royce Authorized Repair Facility
- Turbomeca Approval

Principal Products and Services:

- Repair of turbine engine components including RR Model 250; T56; Pratt & Whitney PW100, PT6; Lycoming T53; Sikorsky S61, S76; Bell 204, 205, 206, Turbomeca Repair Development; Hydraulic Components & Dynamic Components

Special Equipment:

- Lab analysis facility
- Electrostatic liquid penetrate inspection line, MPI
- Full machine shop
- Engineered plating deposits
- CMM
- Plasma Spray
- Shot Peen

Major Clients:

- Engine overhaul shops, brokers and helicopter and fixed wing operators worldwide.

Parent Company:

- Cadorath Plating Co. Ltd.

Established: 1990

CADORATH PLATING CO.

2150 Logan Ave. / 1438 Church Ave
Winnipeg, Manitoba, Canada R2R 0J2
Tel: 204-633-9420
Fax: 204-632-0323

Contacts/Title:

- Gerry Cadorath, President
- Dave Haines, General Manager

Facilities: 70,000 sq. ft.

Principal Products and Services:

- Electro depositing coatings

Major Clients:

- Rolls Royce AMC
- Aveos Fleet Performance
- Bristol Aerospace Limited
- Owner/operators
- Agriculture/ industrial/ food industries

Established: 1954

CANADA WINGS AVIATION TRAINING CENTRE

P.O. Box 240
Southport, Manitoba, Canada R0H 1N0
Tel: 204-428-2500
Fax: 204-428-2501
Website: www.alliedwings.ca/

Contacts/Title:

- Bill Ryan (as of 5 July 2010), Site Manager
- Angela Cam, Administration
- Piero Scaramuzzi, Manager, Business Operations

Facilities:

- Modern Flight Training Facility
- Two new hangars.
- Student accommodations and dining facility

Employees: 180

Principal Products and Services:

- Flying training and support, primarily for the Canadian Forces, for primary, rotary wing and multi-engine fixed wing training.

Special Equipment:

- CT-120A Grob
- Bell 206 Jet Ranger
- Bell 412CF
- C90B King Air
- Class D full motion Bell 412 simulator
- Class D full motion King Air simulator
- Full suite of Procedure and Desk-top Simulators

Major Client:

- Canadian Government Department of National Defence

Established: 2005

CANADIAN PROPELLER

462 Brooklyn Street

Winnipeg, Manitoba, Canada R3J 1M7

Tel: 204-832-8679

Fax: 204-888-4696

Toll Free: 1-800-773-6853 24/7 & AOG

E-mail: info@canadianpropeller.com Website: www.canadianpropeller.com/

Contacts/Title:

- Maurice Wills, President

Facilities: 10,200 sq. ft.

Employees: 12

Quality Standards/Certifications:

- Transport Canada - AMO 175-91
- CGSB Level II, LPI & MPI
- Factory Authorized Propeller Service Station for Hartzell & McCauley & MT propellers

Principal Products and Services:

- Repair, sales and overhaul of propellers, governors & components
- NDT testing of components, brakes & wheels
- On Wing Maintenance & De-ice boot installations

Major Clients:

- Commercial operators
- Transport Canada & Provincial Governments
- Aerial Applicators
- Flight Schools
- Private Operators

Established: 1991

CARLSON ENGINEERED COMPOSITES INC.

692 Mission Street
Winnipeg, Manitoba, Canada R2J 0A4
Tel: 204-233-0671
Website: www.carlsongrpco.com

Contacts/Title:

- Neil Carlson, President
- Gurcan Kocdag, Executive VP, Operations
- Arnie Milne, VP Sales and Customer Relations

Facilities: 122, 000 sq. ft.

Employees: 200

Quality Standards/Certifications:

- ISO 9001:2008
- (In the process implementing AS9100)

Principal Products and Services:

- Composites
- Carbon fiber
- Robotic water jet cutting
- Patterns and tooling development
- Automated paint line class A finishes
- Down draft booth

Special Equipment

- Seven axes ABB robotic water jet cutter using a KMT dual intensifier running on a 30 ft. track
- 5 stage pre treatment wash, dry off oven, prime, flash off area, finish and 60 ft. bake oven running on a 586 ft. conveyor line

Established: Carlson Engineered Composites was established in 1978. The Carlson group of companies was established in 1939.

CASTLE METALS

520 Mercy Street
P.O. Box 213
Selkirk, Manitoba, Canada R1A 2B2
Tel: 204-482-6887
Fax: 204-785-1480
Website: www.amcastle.com/

Contacts/Title:

- George Pic, General Manager
E-mail: gpic@amcastle.com

Facilities: 50,000 sq. ft

Employees: 20

Quality Certifications:

- ISO 9001:2000

Principal Product & Services:

- Metal distribution; aluminum, stainless, nickel, titanium, alloy and carbon steel.

COMPOSITES INNOVATION CENTRE

158 Commerce Drive

Winnipeg, Manitoba Canada R3P 0Z6

Tel: 204-262 3400

Fax: 204-262 3409

E-mail: cic@compositesinnovation.ca Website: www.compositesinnovation.ca/

Contacts/Title:

- Sean McKay, Executive Director
- Will Wiebe, Director, Business Development & Finance

Employees: 22

Quality Standards/Certifications:

- Not applicable

Principal Products and Services:

- Not for profit corporation supporting the development and commercialization of composite materials and technologies
- Project planning and coordination
- Project management
- Technical consultation
- Composite part design, modeling and analysis
- 3,000 sq. ft. laboratory to support process development and component testing (expansion underway)
- Business planning and market development including feasibility studies
- Coordination of training programs and seminars

Special Equipment:

- CAD and FEA software with composites structural capability – Siemens NX
- Resin infusion molding and out of autoclave processing equipment
- 450 ton press
- Material physical and mechanical test capability

Major Clients:

- Boeing Canada Operations - Winnipeg Division
- Boeing Research & Technology
- Magellan Aerospace
- Acetek Composites
- Cormer Aerospace
- Advanced Composites Structures
- Avcorp Industries
- Comtek Advanced Structures

Established: 2003

CORMER GROUP INDUSTRIES INC.

33 Bentall Street

Winnipeg, Manitoba, Canada R2X 2Z7

Tel: 204-987-6400

Fax: 204-987-6419

Website: www.cormeraerospace.com/

Contacts/Title:

- Andrew Corner, President
- Vince Martin, VP Aerospace Operations

Facilities: 120,000 + sq. ft.

Employees: 230

Quality Standards/Certifications:

- ISO 9000:2000, and AS9100
- NADCAP approvals AS7114 for NDT, and AS7108 for Chemical Processing
- Can Z 299.2
- MIL-1-45208

Principal Products and Services:

- High Speed Machining of Medium and Monolithic Aluminum Aerostructures.
- Steel and Titanium, Plate and Forgings for Aerospace and Defence Industries
- Special processing (LPI/anodize/paint) in support of Aerospace and Defense operations
- Assembly of Aerospace and Defense components and structures

Special Equipment:

- 3 spindle, 10,000 rpm, 5-axis gantry mill 480" x 120"
- Horizontal 5-axis Twin Pallet Machining Center 120" x 48"
- 3 Vertical 5-axis machining centers 120" x 30"
- 4 machine horizontal CNC machining cell, 36 Pallets with shuttle
- Numerous Horizontal and Vertical CNC machining Centers
- CATIA V5 / Unigraphics NX CAD/CAM
- CNC CMM inspection
- Boric acid anodizing facility for aluminum parts up to 14 feet long
- NDT / LPI facility
- Paint facility

Major Clients:

- General Dynamics Land Systems
- Boeing
- Airbus
- Canadian and United States Militaries

Established: 1988 and is a Registered Controlled Goods Facility

CUSTOM STEEL MANUFACTURING LTD.

15 - B Bury Street

Winnipeg, Manitoba, Canada R3E 2X7

Tel: 204-783-2272

Fax: 204-772-2561

Website: www.customsteelmfg.com/

Contacts/Title:

- Ian Southcott, President & CEO

Facilities: 58,000 sq. ft.

Employees: 48

Quality Certifications:

- ISO 9001 - 2000

Principal Product & Services:

- Custom Steel Manufacturing Ltd. is a CAD / CAM custom manufacturer, fabricator and assembler of precision aluminum, stainless steel, other high strength metals and steel products. Its capability includes laser and bending, stamping, MIG and TIG welding as well as in-house design, development, engineering, programming, and the manufacture of jigs, fixtures and other tooling all to MIL and other industrial specifications.

Major Clients:

- Includes OEMs in the aerospace, defense, transportation, electronic and other industrial sectors.

DELOITTE

360 Main, Suite 2300
Winnipeg, Manitoba, Canada R3C 3Z3

Contact: Keith Maclaren
Senior Manager, Global R&D and Government Incentives

Tel: 204-944-3558

Fax: 204-947-9390

Email: kmaclaren@deloitte.ca

Web: www.deloitte.ca

Employees: 185 in Winnipeg office

Principle products and services:

- [Assurance & advisory](#)
- Business, financial and human capital [consulting](#)
- [Enterprise risk](#)
- [Financial advisory](#)
- [Tax](#)
- [Bankruptcy \(personal\)](#)
- [CEO & CFO certification](#)
- [Corporate governance](#)
- [IFRS](#)
- [Private company services](#)
- [Private equity services](#)
- [Sustainability & climate change](#)
- [Translation](#)

Deloitte, one of the world's leading professional services firms, is the brand under which tens of thousands of dedicated professionals in independent firms throughout the world collaborate to provide audit, tax, financial advisory and consulting services.

Deloitte's Winnipeg office is one of the largest public accounting and management consulting firms in Manitoba. We have over 185 staff members representing a full service office providing a complete array of professional services including audit, tax, enterprise risk management, financial advisory and consulting. We serve our clients with quality and integrity while providing an ever-evolving range of innovative ideas and practical strategies to help companies achieve the results they need.

In Canada, Deloitte provides financial advisory services through more than 7,600 people in 57 offices. Deloitte operates in Québec as Samson Bélair/Deloitte & Touche s.e.n.c.r.l. Deloitte & Touche LLP, an Ontario Limited Liability Partnership, is the Canadian member firm of Deloitte Touche Tohmatsu Limited.

DULUDE, TAYLOR INC.

60-20 Hangar Line Road
Winnipeg, Manitoba, Canada R3J 3Y7
Tel: 204-889-2424
Fax: 888-603-0034
E-mail: jwisneski@dtayn.com
Website: www.duludetaylor.ca

Contacts/Title:

- Joel Wisneski

Principal Product & Services:

Various aviation & aerospace related insurance products and services.

ENDURON / CUSTOM INC.

150 Cree Crescent

Winnipeg, Manitoba, Canada R3J 3W1

Tel: 204-885-2580

Fax: 204-888-2912

E-mail: richard.k@enduron.net Website: www.enduron.net/

Contacts/Title:

- Richard Klassen, President
- Julian Kulbacki, General Manager

Facilities: 41,000 sq. ft.

Employees: 75

Quality Standards/Certifications:

- Welding certified to Military Standard 1595
- CWB-W47.2-M1987
- CWB-W47.1-M1987
- ISO 9001

Principal Products and Services:

A contract manufacturer specializing in:

- Precision metal cutting and fabrication
- Certified welding of steel, aluminum and stainless steel for aerospace, defense, communications, construction and agriculture equipment sectors
- Military specification cleaning and painting
- Assembly, Packaging, Kitting

Special Equipment:

- Laser Cutting Machine
- CNC Punch and CNC Press Brakes
- Aluminum Spot Welder
- TiG/MiG Welder
- Aluminum Cleaning and Conversion Coating line
- Zinc Phosphate Conversion Coating line
- MIL Specification painting
- Powder Coating system
- CAD/CAM

Major Clients:

- General Dynamics
- Canadian National Railway
- Canadian Pacific Railway
- Motor Coach Industries
- Air Canada / Aveos

Established: 1997

ENVIRONMENTAL TESTING RESEARCH & EDUCATION CENTRE (EnviroTREC)

Tel: 613-491-0195

E-mail: pointman@rogers.com

Contacts/Title:

- Bob Hastings, Executive Director

Principal Products and Services:

EnviroTREC, is a not-for-profit corporation formed as an integral part of a new and globally unique enterprise called Global Aerospace Centre for Icing & Environmental Research (GLACIER) being established in Thompson, Manitoba. EnviroTREC is responsible for stimulating and developing the research and technology, as well as human resource development programs. EnviroTREC supports GLACIER, the joint venture between Pratt & Whitney and Rolls-Royce to establish this large aero-engine icing certification and technology development facility. The National Research Council (NRC), Institute for Aerospace Research (IAR), Gas Turbine Laboratory (GTL) will contribute icing testing technology and expertise. EnviroTREC technology focus will include flight in adverse conditions primarily icing and operations at very low temperatures typical of cruise flight, green-house gas and noise emissions reductions, as well as alternative fuels testing.

FASTAIR EXECUTIVE AVIATION SERVICES

80 Hangar Line Road

Winnipeg, Manitoba, Canada R3J 3Y7

Tel: 204-982-7240

Fax: 204-783-2483

E-mail: dom@flyfastair.com Website: www.flyfastair.com

Contacts/Title:

Dennis Lyons

Principal Products and Services:

Services include aircraft management, corporate aircraft maintenance programs, aviation consulting, corporate aircraft charters, and Medical Evacuation (MedEvac) flights.

FLIGHTCRAFT MAINTENANCE SERVICES

155 West Hangar Rd

Winnipeg, Manitoba, Canada R3J 3Z1

Tel: 204-783-2754

Fax: 204-783-2848

Contacts/Title:

- Jim Peroff, President
- Tom Brotherston, General Manager

Facilities: 10,000 sq. ft.

Employees: 15

Quality Standards/Certifications:

- DOT #80/97
- MDM - Maintenance

Principal Products and Services:

- Repair, overhaul and refurbishment of piston and turbine aircraft.
- Conversion and modification.
- Major airframe repair and painting.

Special Services:

- Structural repairs and modifications.
- Line maintenance

- Importing and Exporting
- Auditing

Major Clients:

- Commercial airlines domestic and International.

Established: 1996

GREY OWL AVIATION CONSULTANTS INC.

Location:

Lot 5, Lakeview Road
Onanole, Manitoba, Canada R0J 1N0

Mailing Address:

Box 233, Onanole, Manitoba, Canada R0J 1N0

Tel: 204-848-7353

Fax: 204-848-4605

E-mail: richard@greyowl.com Website: www.greyowl.com/

Contacts/Title:

- Richard Komarniski, President

Employees: 2

Quality Certifications:

- FAA (Federal Aviation Approved) and meets EASA 145 requirements.

Principal Product & Services:

- Grey Owl Aviation provides Canadian Aviation Regulatory Training and Human Factors training for aircraft maintenance departments. Safety Management System Manual Workshops.

Major Clients:

- Sikorsky Aircraft
- Raytheon Aerospace
- Bombardier

Established: 1994

HARRIS CONSULTING

1400 – 444 St. Mary Avenue
Winnipeg, Manitoba, Canada R3C 3T1

Tel: 204-942-8735

Fax: 204-944-8941

E-mail: resumes@harrisconsult.com or info@harrisconsult.com

Website: www.harrisconsult.com/

Contacts/Title:

- Keith Sinclair, President & CEO
- Chuck Golfman, VP Business Development and President Harris Interim Executives

Facilities: 3,000 sq. ft.

Employees: 13

Principle Products and Services – (see Harris Consulting website):

- Executive Search and Recruitment,
- Career Management and Transition,
- Organizational Strategies,
- Succession Management,
- Organizational & Employee Surveys,
- Leadership Development and Coaching,
- Psychometric Assessments,

- Compensation Analysis,
- Training & Development Workshops
- Board Governance and
- Interim Executive Contracting.

Major Clients:

- Aerospace
- Manufacturing
- Private Industry
- Not-for-Profit
- Municipal

Established: 1981

HindTech

26 Kingsborough Drive

Winnipeg, Manitoba, Canada R3P 1H7

Tel: 204-488-9622

Fax: 204-488-9622

E-mail: CMHinds@aol.com Website: www.hindtech.ca/

Contacts/Title:

- Malcolm Hinds, President

Principal Products and Services:

Based on a background of over 30 years of worldwide aerospace and defence marketing and business development experience with Spar Aerospace Limited, and Canadian divisions of Hawker Siddeley and Rolls-Royce, HindTech offers:

- **Consulting:** Aerospace and defence, marketing and business consulting; market studies and analyses; product market research and launch; proposal management and preparation; teaming and joint ventures; ability to undertake market or business related special tasks without the distraction of the daily office routine that would affect an employee.
- **Contract Executive:** Interim replacement for an unplanned vacancy in the marketing, sales, business development or strategic planning roles of a company; market or business mentoring of a new hire or promoted employee; provide temporary or business assistance at times of peak load.
- **Manufacturer's Representative:** Sales representative for products and capabilities of companies wishing to achieve sales in Canada, the US or Europe. Provides broad market coverage at a fraction of the cost of an employee.

Major Clients:

- Small and medium sized businesses in Canada, U.S and the UK.

Established: 1997

IDERS INCORPORATED

27047 Oakwood Road
Oakbank, Manitoba, Canada R0E 1J2
Tel: 204-444-5200 Ext. 223
Fax: 204-444-5900
E-mail: info@iders.ca

Contacts/Title:

- David Fletcher, Vice President (dfletcher@iders.ca, Extension 223)

Facilities:

- 20,000 sq. ft. constructed in 2008 in Smart Park adjacent to the University of Manitoba

Employees: 60 and Established: 1992

Quality Standards:

- Multi-industry participation requires compliance with customer prescribed standards and practices
- Have successfully designed and produced electronic systems for Signals Intelligence, advanced UAV controls, fiber optic interrogation systems, semiconductor test equipment, etc.; rigorous internal QA standards and practices

Principal Products and Services:

- EDS (electronic design services), including:
 - advanced digital and analog electronics; logic and DSP design
 - power and RF (high power, GHz RF)
 - firmware and software (VxWorks, Linux, etc)
 - VME, PCI, custom and compact design outputs
 - mechanical / tooling design
 - comprehensive DVT tools
- EMS (electronics manufacturing services)
 - support advanced SMT technologies
 - 0402 to BGA automated placement, 12,000pph
 - THT LED automated placement, 4,000pph
 - automated no-touch conveyORIZED line
 - machine vision inspection
 - specialize in low- to medium- volume electronics assembly
 - facilities for in-process burn-in and QA

Special Equipment:

- High-speed digital, analog and RF test and measurement instruments
- -GHz scopes, logic analyzers, spectrum analyzers and vector network analyzers
- Advanced optophotonics test and measurement equipment;
- Environmental test chambers
- SMT paste, SMT 2d and 3d paste inspection (automated)
- SMT and THT automated placement with machine vision
- 7-zone, closed loop IR reflow. Lead-free process ready
- Automated optical inspection post-assembly; Xray inspection (BGA);
- BGA rework (automated)

Major Clients:

Centra Gas
CN Rail; CP Rail
ISIS Canada
Micron Force Instruments

Micropilot
National Research Council NBS
Technologies
Newbold

NIST
Sandia National Labs
SHM Systems
Spectrum Signal Processing

INDUSTRIAL TECHNOLOGY CENTRE

200 – 78 Innovation Drive

Winnipeg, Manitoba, Canada R3T 6C2

Tel: 204-480-3333

Fax: 204-480-0345

Toll free: 800-728-7933

E-mail: tech@itc.mb.ca Website: www.itc.mb.ca

Contacts/Title:

- Trevor Cornell, Chief Operating Officer

Facilities: 20,000 sq. ft.

Employees: 22

Quality Standards/Certifications:

- ITC is registered to ISO 9001
- ITC's Mechanical Testing Laboratory is accredited to ISO/IEC 17025 for specific tests
- ITC's Calibration Laboratory is ISO/IEC 17025 accredited by the Calibration Laboratory Assessment Service, a joint program of accreditation by the Standards Council of Canada and certification by the National Research Council of Canada

Principal Products and Services:

Product development and testing facility providing services to industry in the following areas:

- Calibration
- Custom Data Acquisition
- Equipment Rental
- Mechanical Testing
- 3D Modeling & Simulation
- Noise Measurement & Analysis
- Technical Information & Advice
- Vibration Measurement & Analysis
- Advanced Visualization
- Finite Element Modeling and Analysis
- Technology Introduction and Demonstration

Special Equipment:

- Dimensional reference standards and calibration equipment
- Load and fatigue testing machines to 120,000 lbf
- Environmental exposure and corrosion testing chambers
- Sound and vibration measurement and analysis tools
- Full range of data acquisition transducers and signal conditioners
- Virtual Reality equipment
- Large Scale 3D Immersive Visualization Theatre
- High Performance Graphical Computing Cluster
- Real-time Visualization and Simulation tools

Major Clients:

- Small, medium and large manufacturers

Established: 1979

INFOMAGNETICS TECHNOLOGIES CORPORATION/NOVRA TECHNOLOGIES INC.

900 - 330 St. Mary Avenue

Winnipeg, Manitoba, Canada R3C 3Z5

Tel: (IMT) 204-989-4630; (NOVRA) 204-989-4724

Fax: 204-989-4640

E-mail: admin@imt.ca; admin@novra.com Website: www.imt.ca/; www.novra.com/

Contacts/Title:

- Harris Liontas, President & CEO NOVRA
- Moe Barakat, Chairman, IMT
- Brian Eckhardt, President IMT

Facilities: 7,000 sq. ft.

Employees: IMT 14, NOVRA 14

Principal Products and Services:

InfoMagnetics Technologies Corporation (IMT) is an innovative technology engineering company established in 1991 and headquartered in Winnipeg, Manitoba, Canada. IMT is comprised of 2 core groups: The eHealth Group and the Information Systems Group.

For 10 years, IMT has been assisting government build an Electronic Health Record by de-mystifying and using technology to enable the effective and secure sharing of health information between providers, clients, and stakeholder organizations. IMT's Information Systems group offers a wide range of services and experience to assist customers in realizing their business goals through the use of technology.

For more information visit www.imt.ca/.

Novra Technologies Inc. offers premium products and solutions to the data casting and digital signage markets. Novra specializes in the transmission and reception of IP traffic over satellite, cable and terrestrial communication links. Products offered include broadband receivers for DVB Satellite, and ATSC systems. Novra's IPE encapsulator products can be used in both DVB and ATSC MPEG2 systems for data casting as well as broadband access applications. The NovraLink Digital signage solution integrates Novra's technologies into a comprehensive multimedia management and distribution system.

For more information visit www.novra.com/.

Established:

- InfoMagnetics Technologies Corporation September, 1991
- Novra Technologies Inc. November, 2000

J. R. STEPHENSON MANUFACTURING LTD.

1425 Whyte Avenue

Winnipeg, Manitoba, Canada R3E 1V7

Tel: 204-775-8561

Fax: 204-786-2491

Website: www.jrstephenson.com/

Contacts/Title:

- John Tuhkanen, General Manager

Facilities: 65,000 sq. ft.

Employees: 90

Quality Standards/Certifications:

- ISO 9001:2008
- CWB-W47.1
- CWB-W47.2

Principal Products and Services:

- Manufactures a wide range of electrical products, including: metal enclosed/metal clad switchgear & arc resistant upgrades, power distribution, power factor correction systems, parking lot power/energy control systems, mining products, farm power products, RV & mobile home power products, process control systems, OEM control products
- Full in-house design and production facilities capable of custom manufacturing almost any electrical or mechanical product
- Full complement of in-house metal fabrication services, including shears, punches, brakes and MIG/TIG welding capabilities to Canadian Welding Bureau (CWB) standards
- Finishing services: JRS has the capability to prepare, pre-treat and electro statically paint products weighing up to 12,000 pounds

Major Clients:

- General Dynamics Land Systems
- Inco
- Manitoba Hydro
- SNC Lavalin
- The Mosaic Company
- Enbridge Pipelines
- Hudson Bay Mining and Smelting

Established: 1935

K&S TOOL & DIE LTD.

45 Sylvan Way
Winnipeg, Manitoba, Canada R2R 2B9
Tel: 204-697-2951
Fax: 204-697-4125
E-mail: kstool@kstd.ca

Contacts/Title:

- Steve Sullivan, President

Facilities: 10,400 sq. ft.

Employees: 19

Quality Standards/Certifications:

- ISO 9001-2000

Principal Products and Services:

- Precision Metal Fabrication
- CNC Machining
- Special Project Engineering Design and Manufacture
- Progressive, Compound and Fine Blanking Dies
- Jigs and Fixtures
- EDM, WEDM
- Design and Engineering

Special Equipment:

- EDM Machines (Wire & Ram)
- Milling Machines
- CNC Lathes
- CNC Mills
- 5-Axis CNC Mills
- CAD-CAM
- Lathes, Grinders
- Centerless Grinder

Major Clients:

Bristol Aerospace Ltd.	Evrax Inc
Boeing Canada Operations	Buhler Versatile & Manufacturing
StandardAero Ltd	Carte International
Spar Aerospace Ltd.	L.V.Control
National Research Council	Manitoba Hydro

Established: 1975

KEEWATIN AIR LIMITED

1 Allen Dyne Road
Winnipeg, Manitoba, Canada R3H 0Z9
Tel: 204-888-0100
Fax: 204-888-3300
E-mail: wmcleod@keewatinair.ca
Website: www.keewatinair.ca/

Contacts/Title:

- Wayne McLeod, President
- Penny Triggs, Executive Vice President

Employees: 108

Principal Products and Services:

- Scheduled, Charter and Medevac Transports using Beech 1900C, 1900D, King Air 200, Lear 35A, and Twin Otter aircraft

Established: 1971

LEGACY BOWES GROUP

Suite 720, 1 Lombard Place
Winnipeg, Manitoba, Canada R3B 0X3
Tel: 204-943-0553
E-mail: info@legacybowes.com Website: www.legacybowes.com

Legacy Bowes Group has acquired its premier reputation for HR Services excellence through the demonstrated ability to consistently deliver high quality results. We've accomplished this by partnering with our clients to understand their organizations and their needs. Our experienced consulting team is renowned for responsiveness, integrity and excellence; we garner trust by delivering what's promised...effective solutions. Being able to solve any problem, especially those challenging and complex people issues, isn't easy for any company leader. That's where Legacy Bowes Group can assist. To increase productivity and improve workplace cultures, Western Canadian and NW Ontario organizations - large and small - are turning to LBG's custom-designed HR strategy services. Providing a comprehensive range of attraction, retention and engagement solutions, our experienced consultants look forward to working with you to address your people issues by developing the ideal Talent Management program for your business.

Areas of Practice

- Executive, Management & Professional Search
- HR Consulting & Advisory Services
- Online & Print Recruitment Strategy, Design & Programming
- Organizational & Leader Development Services
- Labour and Employee Relations
- Career Management & Transition Services
- Assessment & Coaching
- Training & Development
- Succession Management
- Incident Investigation
- Workplace Health and Safety
- Change Management
- Administrative Search

Products/Services:

Compensation
Coaching
Labour Relations
Leadership Development
Training & Organizational Development

Career Management Firms
HR Solutions
Executive / Management Search
Recruitment
Employee Survey

MAGELLAN AEROSPACE (BRISTOL AEROSPACE)

660 Berry Street

Winnipeg, Manitoba, Canada R3C 2S4

Tel: 204-775-8331

Fax: 204-783-2091

Website: www.bristol.ca or www.magellan.aero

Contacts/Title:

- Don Boitson, Vice President and General Manager

Facilities: 700,000 sq. ft.

Employees: 700

Quality Standards/Certifications:

- ISO 9001:2000
- AS 9100 Rev. B
- Nadcap

Principal Products and Services:

- Aero-engine components manufacture and R&O
- Aerostructures component manufacture and assembly (composite and metal)
- Space science programs (manufacture of sounding rockets, small satellites, payloads, space hardware)
- Wire Strike Protection Systems (WSPS®) for helicopters
- Solid propellant rocket motors

Major Clients:

- General Electric
- Pratt & Whitney
- Rolls-Royce
- Lockheed Martin Aeronautics
- British Aerospace
- Airbus
- Boeing
- Various Air Forces in NATO, ASEAN and Australasia
- Bombardier
- DND
- Canadian Space Agency (CSA)

Parent Company: Magellan Aerospace Limited

Established: 1930

MAPLE LEAF AVIATION LIMITED

Group 520, Box 16, R.R. #5,
Brandon Municipal Airport, McGill Field,
Brandon, Manitoba, Canada R7A 5Y5
(#3 Hangar, 455 Agnew Drive, Brandon)
Tel: 204-728-7618
Fax: 204-725-1719
E-mail: mla@inetlink.ca Website: www.aircraftspeedmods.ca/

Contacts/Title:

- James Wall, President & General Manager
- Dave Wall, Director of Maintenance

Employees: 4

Quality Standards:

- Transport Canada approval
- Transport Canada Supplemental type approvals
- FAA Supplemental type certificates

Principal Products and Services:

- International & domestic charter service
- Aircraft sales
- Rental & maintenance
- Manufacture fiberglass products
- Transport Canada MD-M services (Aircraft Importation)
- Transport Canada MD-M services (Aircraft Importation and Export services)

Established: 1946

MICROPILOT

P.O. Box 720
72067 Road 8E, Sturgeon Road
Stony Mountain, Manitoba, Canada ROC 3A0
Tel: 204-344-5558
Fax: 204-344-5706
E-mail: info@micropilot.com Website: www.micropilot.com

Contacts/Title:

- Howard Loewen, President
- Pierre Pepin, Vice President Sales & Marketing

Facilities:

- The MicroPilot Flight Test Facility is located 9 km north of Winnipeg, Manitoba, Canada
- The 10,000 square foot facility includes offices and production area
- Situated on 40 acres of land it is ideally suited for flight testing

Employees: 24

Quality Standards/Certifications:

- MicroPilot has devised rigid internal standards and testing for its products

Principal Products and Services:

- MicroPilot designs and manufactures miniature autopilots for UAVs and MAVs.
- Weighing 28 grams MicroPilot offers a full line of UAV autopilots, accessories, customization and training. Capabilities include airspeed hold, altitude hold, turn coordination, GPS navigation, plus autonomous operation from launch to recovery.
- Included is the HORIZON^{mp} ground control software for mission planning, parameter adjustment, flight monitoring and mission simulation.

- New products are MP2128^{HELI3x} triple redundancy for helicopter, MP2028^{3x} triple redundancy for fixed wing, MP2128^{LRC} integrated advanced autopilot and MP-trueHWIL Matlab-based hardware in the loop.

Special Equipment:

- Anti static flooring
- Soldering and de-soldering
- Electronic and sensor equipment
- Signal sensing equipment
- GPS satellite and re-broadcasting equipment
- Calibration and vibration racks
- Environmental chamber
- Wireless weather station

Major Clients and Established in 1995:

- MicroPilot has over 600 customers in 60 countries

PERIMETER AVIATION

614 Ferry Road
Winnipeg, Manitoba
Canada R3H 0T7

Tel: 1-866-788-6678

Fax: 204-783-5587

Email: mark.wehrle@perimeter.ca

Website: www.perimeter.ca

Contacts/title:

Mark Wehrle, President

John Sprague, Vice President of Maintenance

Mike Toews, Manager, Aircraft Design Department

Wayne Pickford, NDT Manager

Employees: 650

Principal Services and Products:

- Scheduled, Charter and Medevac Transports using Metro II, Metro 111, Dash 8, Merlin
- Flight School providing Multi-Engine Instrument training
- NDT services (all methods)
- Aircraft Modification and Design Approval (Transport Canada DAR)
- Maintenance services
- Structures
- Avionics
- Component Overhaul
- Manufacturing
- Engine Overhaul

Established: 1960

SOUTHPORT

P.O. Box 233
25 Centenaire Drive
Southport, Manitoba, Canada R0H 1N0
Tel: 204-428-6030
Fax: 204-428-6036
E-mail: info@southport.mb.ca Website: www.southport.mb.ca/

Contacts/Title:

- Hayden Henwood, Chairman of the Board
- Stephen Maybury, CEO

Facilities: 607 hectares

Principal Products and Services:

- Southport is a Property Management and Development Company supporting aviation, training and commercial initiatives. It covers over 1550 acres and its primary use is that of an airport utilized for flight training by CATC. Due to its clear, uncluttered skies and flat geography, Southport is ideally suited for a flight training facility.
- Southport is a very active aerospace operation with Transport Canada approval airport certification.
- The prime tenant, Allied Wings operates Canada's first private, air traffic control tower, as well as general airfield operations. The airport is serviced by an operational VFR tower with IFR services including a NDB, VOR, DME and ILS. There are four asphalt runways at Southport, the longest being 7,000 feet.
- Allied Wings provides military flying training in accordance with the Contracted Flying Training and Support program at the Canada Wings Aviation Training Centre in Southport.
- Southport is home to the nationally-accredited Aircraft Maintenance Engineer Apprenticeship Program which is provided by Red River College Stevenson Aviation Technical Training Centre.
- There are a wide variety of business opportunities at Southport including aircraft manufacturing, aircraft maintenance engineering, aviation technology, airport equipment overhaul and refinishing, air traffic control training, and commercial manufacturing.
- Over 81 hectares on airside and groundside building sites are available for commercial and industrial development. Existing facilities may be leased and customized to accommodate specific requirements.

Established: 1990

STANDARDAERO

33 Allen Dyne Road
Winnipeg, Manitoba, Canada R3H 1A1
Tel: 204-775-9711
Fax: 204-788-2223
E-mail: kim.hooke@standardaero.com Web Site: www.standardaero.com

Contacts/Title:

Ian Smart, SVP Airlines and Fleets

Facilities:

- **Canada:** Winnipeg, MB; Montreal, PQ; Vancouver, BC
- **USA:** Tempe, AZ; Los Angeles, CA; Houston, TX; San Antonio, TX; Augusta, GA; Springfield, IL; Maryville, TN; Lafayette, LA; Salisbury, NC; Black Diamond, WA; Dallas, TX; Cincinnati, OH
- **International:** Tilburg, Netherlands; Singapore, Singapore; Sydney, Australia

Employees: 3,900 worldwide (1350 in Manitoba)

Quality Standards/Certifications:

- FAA, EASA, ISO 9001:2000/AS 9110:2003, Transport Canada DAO, Transport Canada AMO, ISO 14001:2004

Principal Products and Services:

- Pratt & Whitney Canada PT6A, PW100, PW600 engines
- Rolls-Royce 250, T56/501D, AE2100, AE3007 engines
- General Electric LM1600, CF34 engines

- Honeywell 36 and RE220 Series APUs
- Hamilton Sundstrand S4H60 propellers
- Honeywell TFE731, TPE331
- Business Aviation Paint, Interiors, Airframe modifications, Avionics, Airframe Completions.

Special Equipment:

- Vac Furnaces, Engine Testing Facilities, Plating Facilities, Robotic Plasma Spray Booths, Vane Flow Capabilities, Water Jet Stripping Equipment, Waste Water Treatment Facility, high speed tip grinding, and NDT

Major Clients:

- Our major clients include some of the world's foremost airlines, military & governments, business aviation, helicopter, and marine & industrial operators.

Established: 1938

STANDARD MACHINE WORKS

660 St. Matthews Avenue

Winnipeg, Manitoba, Canada R3G 0G8

Tel: 204-783-7001

Fax: 204-783-9988

E-mail: smw@smw.mb.ca Website: www.standardmachineworks.com/

Contacts/Title:

- Jim Shaw, General Manager
- Chris Saunders, Sales & Marketing Manager

Facilities: 13,000 sq. ft.

Employees: 19

Quality Standards:

- Full line of inspection services including CGSB certified NDT (MPI & LPI)
- Project planning and Project Quality Document Maintenance
- ISO Quality System Maintenance
- Auto DAD Drawing services
- ISO 9002

Principal Products/Services:

- Custom manufacturing and repair of equipment, tools and parts; Precision machining, engine and compressor parts; Grinding (cylindrical and surface) of rubber, alum, steel and cast iron; Precision lapping and polishing of pump components and seals including carbides and ceramics; Complete machine shop services; Complete welding shop services; Engine and compressor component repairs; Small batch manufacturing (under 100 piece lots); On site fabrication and repairs; On site mechanical repairs/assistance including some diagnostic services Distributor; LS Starrett Precision Tools/Gages, O.T.C. Tool line Vibramount Antivibration Machinery Mounts.

Established: 1911

STANDARD MANUFACTURERS SERVICES LTD.

691 Golspie Street

Winnipeg, Manitoba, Canada R2K 2V3

Tel: 204 956-6300

Fax: 204 661-4613

E-mail: info@standardmanufacturers.com

Website: www.standardmanufacturers.com

Contacts/Title:

- Rolf Gretschnann, President

Facilities: 75,000 sq. ft.

Employees: 115

Quality Standards/Certifications:

- ISO 9001:2008
- AS9001 (January, 2011)
- Controlled Goods

Principal Products and Services:

- Machining – 5 Axis (Robotic Loading), High Speed Horizontals, Vertical Turning Lathes
- Heat Treating – Aluminum, Atmospheric, and Induction Hardening
- Rapid Prototyping – Layer Deposit & Sterolithography Modeling
- Permanent Mold Foundry
- Robotic Welding
- Assembly & Testing of Components
- Global Sourcing

Major Clients:

- Aerospace
- Military
- Transportation

Established: 1982

STEVENSON AVIATION AND AEROSPACE TRAINING CAMPUS, RED RIVER COLLEGE

2280 Saskatchewan Ave,

Winnipeg, Manitoba, Canada R3J 3Y9

Tel: 204-945-6001

Fax: 204-948-2499

E-mail: stevensonaviation@rrc.mb.ca Website: www.rrc.mb.ca/stevensonaviation/

P.O. Box 237, Hangar 4

Southport, MB R0H 1N0

Tel: 204-428-6300

Fax: 204-428-6305

E-mail: stevensonaviation@rrc.mb.ca Website: www.rrc.mb.ca/stevensonaviation/

Contacts/Title:

- Dennis Doersam, Director, 204-945-6036

Facilities: 55,000 sq. ft., Winnipeg, 25,000 sq. ft., Southport

Employees: 18 in Winnipeg, 10 in Southport

Quality Standards/Certifications:

- Transport Canada approved: Aircraft Maintenance programs
- CGSB
- CAMC in certain programs (AMT, GTR&O)

Principal Products and Services:

- Delivers Manitoba's Aircraft Maintenance Engineer (AME) Apprenticeship Training Program; Aircraft Structural Repair Technician (AME-S); Aircraft Maintenance Engineer (AME-M) Diploma Program; AME Refresher; Gas Turbine Engine Repair and Overhaul; Aerospace Manufacturing Technician Program; Composites Training; Non-Destructive Testing; Human Factors & CARS.
- Delivers regularly scheduled courses and programs. In addition Stevenson offers customized contract training for industry through Tracey Dyer, Corporate Training Manager, 204-632-3978.

Special Equipment:

- Aircraft maintenance equipment
- Composites Manufacturing 'model factory'
- Hangar at both locations
- Non-destructive testing equipment

Major Clients:

- Aerospace industry
- Commercial airlines

Parent Company:

Red River College

Established: 1984 (Southport), 2002 (Winnipeg)

TARRY & ASSOCIATES LTD.

27 Jewett Bay

Winnipeg, Manitoba, Canada R3R 2M9

Tel: 204-895-8710

Cell: 204-802-0031

E-mail: rtarry@shaw.ca

Contacts/Title:

- Bob Tarry, President

Principal Products and Services:

- General management consulting, specializing in marketing, business planning, feasibility studies and HR development initiatives and government program liaison.

Major Clients:

- Large and small Canadian aerospace firms, government departments and industry associations concerned with development of aerospace industry.

Established: 1978

THOMPSON UNLIMITED

206 – 55 Selkirk Avenue

Thompson, Manitoba, Canada R8N 1P1

Tel: 204-677-1900

Fax: 204-677-1909

E-mail: info@thompsonunlimited.ca Website: www.thompsonsubzero.ca

With an average 240 days a year of sub-zero temperatures, and up to six months of snow cover, Thompson, Manitoba, Canada has emerged as a premier location for real-world winter and cold weather testing.

Here are some of the reasons why:

- reliably and consistently cold temperatures offering an extra-long testing season;
- snow-cover for six months of the year;
- proximity to natural icing corridor;
- proximity to U.S. border;
- daily air, bus and rail service, providing economical and fast service for passengers and freight movements;
- a mix of urban and rural landscapes (enhances anonymity and business support);
- wide variety of modern accommodations and fine dining options;
- and an industry-recognized track record of outstanding cooperation with hosting testing companies.

WARDROP, A TETRA TECH COMPANY

400 - 386 Broadway

Winnipeg, Manitoba, Canada R3C 4M8

Tel: 204-956-0980

Fax: 204-988-0546

E-mail: info@wardrop.com Website: www.wardrop.com/

Contacts/Title:

- Dean Stewart, Winnipeg Area Manager

Facilities: 32,000 sq. ft.

Employees: over 10,000 across Canada, USA and International

Quality Standards/Certifications:

- In-house assurance programs equivalent
- ISO 9001-2000
- CSA Z229.2

Principal Products and Services:

Wardrop, A Tetra Tech Company is a multidisciplined engineering and consulting firm that provides innovative solutions for the natural resource management, energy, and infrastructure markets globally. Wardrop is a subsidiary of Tetra Tech (NASDAQ: TTEK), a leading provider of consulting, engineering, program management, construction and technical services. The combined companies have more than 10,000 employees worldwide and capabilities that span the entire project lifecycle. We use our broad base of expert resources to dedicate ourselves to our clients' needs, offering innovative and cost-effective solutions to complex world problems.

Major Clients

- City of Winnipeg
- Manitoba Infrastructure & Transportation
- Public Works & Government Services
- Winnipeg Airports Authority
- Manitoba Hydro
- Boeing Canada
- Bristol Aerospace
- Polaris Industries
- Defense Construction
- DND

Established: 1955

WEST-CAN INSPECTION LIMITED

50 Boys Road

Winnipeg, Manitoba, Canada R2K 1G4

Tel: 204-668-7327

Fax: 204-668-7347

E-mail: ndt@westcaninspection.com Website: www.westcaninspection.com/

Contacts/Title:

- Bruce Wachal, Owner
- Larry Russell, Vice President

Employees: 12

Facilities: 1,500 sq. ft. plant

Quality Standards/Certifications:

- Testing lab for QA inspection
- Canadian General Standards Board
- 48-GP-4M, Radiography, 48-GP-7M, Ultrasonics, 48-GP-8M, Magnetic Particle, 48-GP-9M, Liquid Penetrant, 48-GP-13M, Eddy Current
- CSA W17S, MIL STD 410E, SNT-TC1A
- AQAP 4; ASME; CSA; ISO; AMO 79-91
- CWB 178.2 Level 2 Certification

Principal Products and Services:

- West-Can's principal products and services include: non-destructive test of materials and components, materials evaluation, aircraft component and structural inspection; Rocket motor radiographic examination; R&D on new materials and components, AMO 79-91, Cessna Certification C-163 various cast product inspection; Capable of performing all services in the lab or field.

Major Clients:

- Boeing
- StandardAero
- Magellan Aerospace
- Perimeter Air
- Calm Air

Established: 1969

WINNIPEG AIRPORTS AUTHORITY, INC.

Room 249, 2000 Wellington Avenue

Winnipeg, Manitoba, Canada R3H 1C2

Tel: 204-987-9400

Fax: 204-987-9401

E-mail: mrodyniuk@waa.ca Website: www.waa.ca

Contact/Title:

- Michael Rodyniuk, Senior Vice President and Airport Chief Operating Officer

Employees: 164

Principal Products and Services:

Operator of the Winnipeg James Armstrong Richardson International Airport

INDUSTRY SUPPORT

ECONOMIC DEVELOPMENT WINNIPEG INC.

300 - 259 Portage Avenue
Winnipeg, Manitoba, Canada R3B 2A9
Tel: 204-954-1997
Fax: 204-942-4043

Contact/Title:

- Greg Dandewich, Senior Vice President, Economic Development
Tel: 204-954-1982
E-Mail: greg@economicdevelopmentwinnipeg.com

Lynda Howdle, Administrative Assistant
Tel: 204-954-1997
E-mail: lynda@economicdevelopmentwinnipeg.com

THOMPSON COMMUNITY DEVELOPMENT CORPORATION (Thompson Unlimited)

206 – 55 Selkirk Avenue
Thompson, Manitoba, Canada R8N 1P1
Tel: 204-677-1900
Fax: 204-677-1909
E-mail: info@thompsonunlimited.ca Website: www.thompsonsubzero.ca

TRADE COMMISSIONER SERVICE – FOREIGN AFFAIRS & INTERNATIONAL TRADE CANADA

Winnipeg Regional Office
4th Floor, 400 St. Mary Avenue
Winnipeg, Manitoba, Canada R3C 4K5
Tel: 204-983-2594
Fax: 204-984-7082

Contacts/Title:

- Sarah Holloway, Trade Commissioner
E-mail: sarah.holloway@international.gc.ca

MANITOBA AEROSPACE ASSOCIATION

Tel: 204-471-9979

Contacts/Title:

- Ken Webb, Executive Director
E-mail: kenwebb.maa@mymts.net Website : www.manitoba-aerospace.mb.ca/

MANITOBA AEROSPACE HUMAN RESOURCES COUNCIL (MAHRC)

1000 Waverley Street
Winnipeg, Manitoba, Canada R3T 0P3
Tel: 204-272-2957
Fax: 204-772-1159

Contacts/Title:

- Wendell Wiebe, Executive Director
E-mail: wwiebe@manitoba-aerospace.mb.ca
- Barbara Bowen, Special Programs Manager
E-mail: bbowen@manitoba-aerospace.mb.ca

MANITOBA DEPARTMENT OF ENTREPRENEURSHIP, TRAINING AND TRADE (ETT) INDUSTRY DEVELOPMENT

1050-259 Portage Avenue
Winnipeg, Manitoba, Canada R3B 3P4
Tel: 204-945-2475
Fax: 204-945-3977

Contacts/Title:

- Robert Manson, Senior Project Manager
Direct line: 204-945-8741
E-mail: robert.manson@gov.mb.ca

INDUSTRY TRAINING PARTNERSHIPS

260 - 800 Portage Avenue
Winnipeg, Manitoba, Canada R3G 0N4
Tel: 204-945-5643
Fax: 204-945-0356

Contacts/Title:

- Joanne Dyker, Senior Industry Human Resource Consultant
- Paul Holden, Director,
E-mail: paul.holden@gov.mb.ca

WESTERN ECONOMIC DIVERSIFICATION CANADA (WD)

250-240 Graham Avenue
Winnipeg, Manitoba, Canada R3C 0J7
Postage & Delivery Address: Room 620
Tel: 204-983-4472
Fax: 204-983-1280

Contacts/Title:

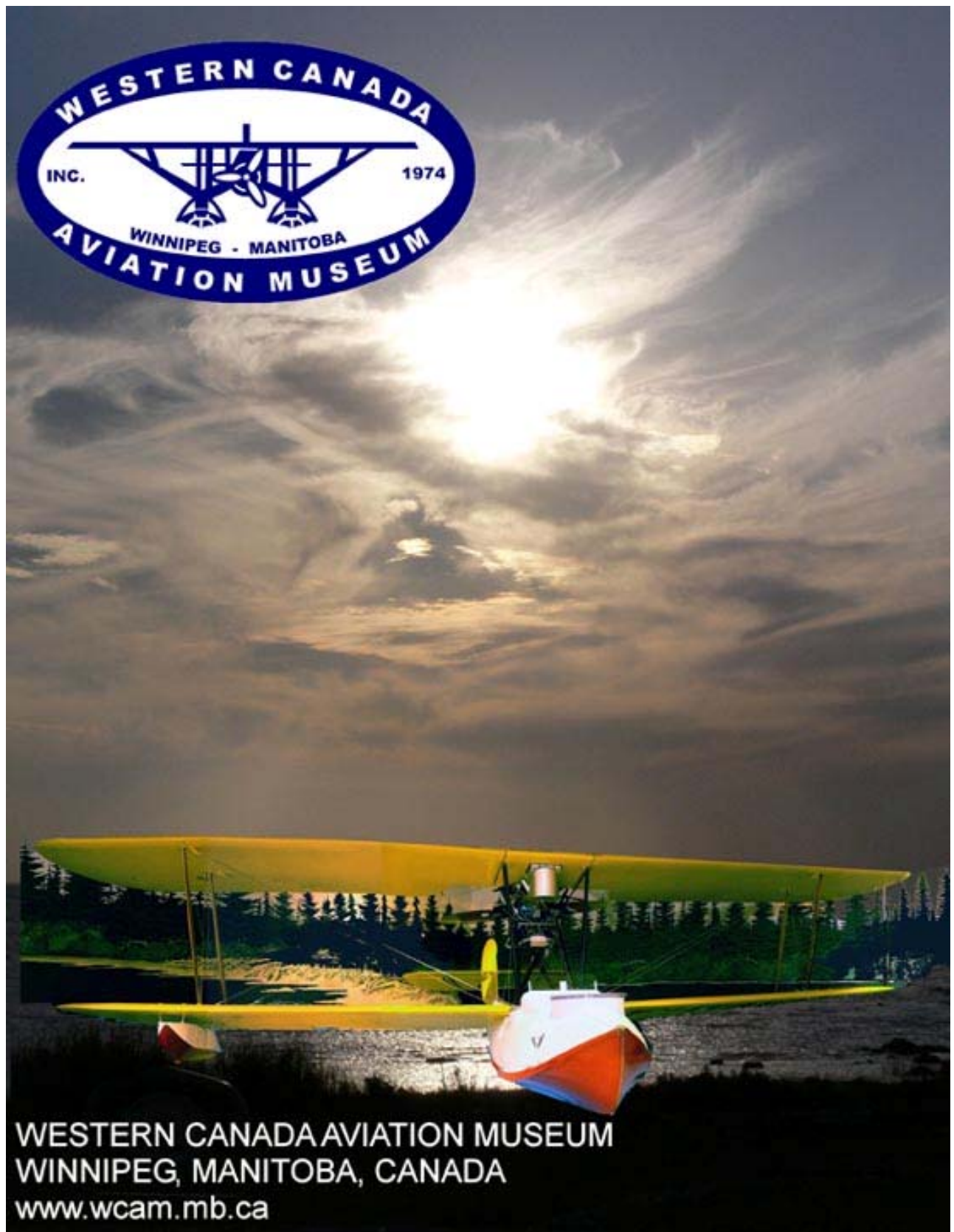
- Shannon Campbell, Senior Business Officer
Tel: 204-983-0691
E-mail: shannon.campbell@wd-deo.gc.ca



BRITISH COMMONWEALTH AIR TRAINING PLAN Summary of Aircrew by Country

Canada	72,835
United Kingdom	37,285
U.K. Fleet Air Arm	5,296
Australia	9,606
New Zealand	7,002
France	2,000
Czechoslovakia	900
Norway	677
Poland	448
Holland & Belgium	800

COMMONWEALTH AIR TRAINING PLAN MUSEUM
BRANDON, MANITOBA, CANADA
<http://www.airmuseum.ca/>



WESTERN CANADA AVIATION MUSEUM
WINNIPEG, MANITOBA, CANADA
www.wcam.mb.ca

Manitoba is home to a host of complementary world class aerospace companies and plays a vital role in aerospace around the world. Manitoba provides unique advantages to the aerospace industry: a supportive government, tailored education programs, a solid workforce and ideal geographic location. Together, these factors contribute to a thriving and interdependent business environment. With diverse strengths and capabilities, Manitoba aerospace is well-positioned to compete in the global marketplace.

If your company is looking for a partner with access to North American markets and advanced aerospace technology, look to the Manitoba aerospace industry. If you are seeking a cost-competitive site to do business, look to Manitoba, Canada. If your company is looking for a source of aerospace components and services, look to Manitoba companies.


For more information on Manitoba aerospace opportunities and our positive business environment, contact:

Manitoba Aerospace Association


38 Lindenwood Place
Winnipeg, Manitoba
R3P 1M3
Telephone: (204) 471-9979
www.manitoba-aerospace.mb.ca

Manitoba Competitiveness, Training & Trade

1050-259 Portage Avenue
Winnipeg, Manitoba
R3B 3P4
Telephone: (204) 945-2475
www.gov.mb.ca/itt/industry/index.html

Canada 



Manitoba 

The Manitoba Aerospace Directory is published every two years. Please send additions/corrections to:
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