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PROFILE

Senior executive with an operations and engineering background, has proven success in business development and execution in the manufacturing and aerospace sectors. Enjoys hands on product and process interaction while promoting a participative management approach coupled with strong leadership and personnel skills. Is autonomous, creative and adaptive in moving between small and moderately large businesses. Interested in partnering in a smaller firm as well as program or divisional responsibility in a larger corporation. Short-term goals are to make a significant impact in industry over the next eight years, and to develop a successful and motivated team.

PROFESSIONAL EXPERIENCE

MHD INTERNATIONAL AVITATION PARTS INC. **Aug 2006 to Present**
(Logistics Services (Spares, R/O) for C-130, P-3 and KC-135 aircraft
V.P. & General Manager www.mhdintl.com

Reporting to the President, and engaged in all facets of the business operation and growth. MHD provides most spare parts and component repair/overhaul component services for C-130, P-3 and KC-135 military aircraft for Canada and in 19 countries worldwide.

UNI-CAST (USA) INC. **2001 to 2006**
(Aerospace supplier of thin wall complex aluminium investment castings, 110 emp, $12M sales)
Consultant www.uni-cast.com

Consulting to the President, product development, process and plant improvements for this recently acquired company in Manchester NH. Have USA TN visa & ITAR defence clearance, for military confidential documents.

- Business development for new products, migrating from small commercial product to large semi-structural airborne military applications. Supply Chain Management incorporating new machining, finishing and assembly partners for turn-key components.
- Focus on new markets more than doubled the company sales in flat market conditions, transforming operating losses into a highly profitable and growing company. Today the company has acquired a comparable sized competitor, and remains a market leader.
- Re-engineering of manufacturing processes, raw materials, documentation systems, training, and facility re-design for improved throughput, efficiency and capability. Product capability expanded and yields improved.

NMF CANADA (Presently SONACA - NMF) INC. **1999 to 2001**
(Leaders in peened and finished wing skins for business and regional jets, 200 emp, $25M sales)
V.P. Operations www.sonacamontreal.com

Reporting to the President, directing the operations of a shot peened formed aerospace wing skin facility in Mirabel (Montreal), while working with senior company officers to develop new business opportunities, and support the expansion of additional planned facilities in the USA and Spain.

- Managed facility budgets and forecasts, job-shop peening capability as well as single source programs of machining/peening and finishing of aircraft wing skin assemblies for Bombardier, Learjet, IAI, Mitsubishi, from customer order to final shipments.
- Re-engineered anodising and painting process facilities, to improve surface finish applied to parts. Led extensive wing skin material study with Embraer to qualify new forming processes.
- Directed the major expansion of company's existing operations in order to complete vertical integration and Tier 2.5 aerospace supplier capability, by adding painting, gantry machining, automated riveting/hi-lock assembly operations with 65,000 ft2 addition and $14M investment.

HOWMET CERCAST (Presently ALCOA) CASTINGS **1993 - 1999**
(Facility with 450 emp. & US$32M in sales, within Corporate Group of 1300 emp, & US $130M)
General Manager and Group V. P. Technology www.alcoa.com

Reporting to the President, directed the company's daily operations, new construction and move of the company's Montreal operations to a specially engineered and newly constructed 185,000 sq. ft. facility in Laval. Led engineers and managers in the development of forecasts, budgets and systems to support the company growth and eventual move. Daily management, major re-birth and culture change of a facility which transformed its manufacturing focus from simple Tier III military parts, to advanced highly engineered structural aerospace components for large OEMs.

- Assembled teams to support the fast build schedule, implement labour/energy savings, and ensure minimal product delivery interruptions during relocation of the complex manufacturing facility from Montreal to a new site in Laval, Canada.
- Technical marketing and development of leading edge capabilities to aerospace OEMs including Boeing, Airbus, Bombardier, Lockheed Martin, General Electric, and Allied Signal, establishing the company as world leaders in demanding applications such as pressurised doors, flap supports, flight controls, gearboxes, fan frames, and engine pylons.
- Managed excellent recovery from union drive campaign during most hectic phase of company growth period. Coordinated ongoing training sessions for senior staff and engineers, in order to reinforce personal technical and managerial skills, and adapt to business changes.
- Conceived and developed a new department, and capability for machining/finishing/assembly operations, thereby satisfying customer demands for turnkey (machined, painted, assembled) components, and facilitating US$10M of new casting sales per year.
- Implemented a new controlled solidification foundry operation and associated processes to support structural casting growth, with new market focus, allowing millions of dollars of conventional production to be offloaded to under-utilised US operations. This created a threefold increase in local sales to US$35M US and facility growth from 175 to 450 people.
- Implemented ISO9002 quality system and Lean Manufacturing (Kaizen, QSI teams, and Visual Factory improvements).

HOWMET CERCAST (Presently ALCOA) CASTINGS **1989 - 1993**
(Group of 6 precision aluminum foundries in Canada, USA & France with US$70M sales/year)
Vice-President Production and Research www.alcoa.com

Reporting to the President, managed the technical leadership and process innovations of six companies in North America and Europe. Liaison with business partners in Germany and Spain and co-ordination of a technical licence to Sumitomo Heavy Industries in Japan. Key member in the Group's senior team, with ownership transition from private to a new public corporation.

- Established a rapid prototyping capability to produce flight certified hardware from CAD files without hard tooling, generating sales of US$1.5M/yr and new spin-off applications.
- Developed several rapid solidification processes, imparting higher strength and ductility to aluminum castings, thereby strategically differentiating the company in the marketplace
- Led the international collaboration for the production of metal matrix composites from ceramic preform infiltration techniques, and co-developed, with Brush Wellman, net shape aluminum-beryllium castings to replace hogouts through a mutually exclusive Partnering Agreement.

CERCAST INC. (Presently ALCOA) **1980 - 1989**
(Premier aluminum investment casting foundry in the world, with annual sales of US$18M)
Metallurgical and Chief Process Engineer www.alcoa.com

Reporting to the General Manager and President, I was responsible for technical control and improvement of patternmaking, ceramic molds, casting, heat treatment and finishing operations. Redesigned numerous facility expansions, automation and improvements in the foundry. Acted as team leader with other process engineers and department supervisors in other divisions to share best practices and improve operations.

EDUCATION & OTHER ACHIEVEMENTS

M.B.A., McGill University, Montreal, Canada	1989
Bachelor of Metallurgical Engineering, McGill University, Montreal, Canada	1980
Statistical Process Control, Value Engineering courses	1988 - 1989
Mechanical Assembly (bonding, riveting, bushings) of Aerospace Structures	1995

Six patents, for technological developments including; preformed ceramic cores, advanced casting/solidification processes, metal matrix metal composites, and robotic sanding of aircraft wing panels. Two trademarks for composite materials registered. Accomplished author of 26 technical articles presented to professional societies or published in industry journals, on subjects of; development of wing skins, Tier II supplier development strategy, structural castings, metal matrix composites, rapid prototyping, & casting design.