

## **The First Canadian Aerospace Summit**

B2B -Trade Show Event

Ottawa Convention Centre, Canada Hall 3

November 2&3 2011

### **Some technologies and capabilities Prime companies attending our B2B are seeking:**

**Note: List is non-exhaustive**

Power supply - power cabinet, UPS, AC/DC, DC/DC

Air crew and maintenance Training

Air foil machining and casting supplier

Products

Aircraft Maintenance

Aircraft Modifications

Aircraft Structural Modifications both fixed and rotary wing aircraft.

Avionics Modernization and Installation Design

Avionics repair and modification

Brake form, Hydro forming, Drop Hammer Forming, 3, 4 and 5-Axis Machining, Conventional Machining,

Bushings

Canadian companies willing to invest in global markets (ie. aero cluster, JV, etc...)

Canadian company with global footprint in aero engine component manufacturing

Case for transportation - machining, sheet metal

Chassis

Circuit card assemblies

Communications System - SATCOM, Frequency Hoping Radio, HFR, LFR, Intercom Systems

Complex harnesses

Composite - Plastic, thermoform

Composites - Radomes (Fiberglass)

Computer - Single Board Computers, Signal Processors, etc.

Computer Equipment - Design/build/validation of embedded computers and high level assemblies

Contract manufacturing - PCB assy, high integration, testing

DC generators

Displays - LCD, touch-screen (single touch, multi touch) COTS and customized

Electrical and Avionics Engineering

Electronic Components - Processors, Memory Arrays, Programmable Devices, etc.

modules, Graphic and 3-D design, translates technical and commercial publications in English and French

Electronics components

Engineering support, detail parts manufacturing, component repair and overhaul (R&O), non-destructive testing (NDT), protective treatments and paints

Full sheet metal manufacturing capabilities, machining and bonding

Generators

Harnesses

High power, static inverters, high reliability

Hot temp EMID

HVAC - heat, ventilation, A/C  
HVOF  
In Service Support - Supportability Specialists, Support Modeling, Performance Base Availability, etc,  
Independent Distributor - Hard to find, Authentic  
Infrared coolers - Cryogenic cooler  
Integrated Logistics Support & Fleet Management  
IO product - Controls product, PC-104, VME, Din rail  
Large complex parts  
Lens - Compression Moulding / Diamond Turning  
Lens - Fabrication & infrared coating  
Machining - Complex, Hardware & Finishing  
Materials, Processes and Environmental Engineering, Airworthiness Certification, Configuration and Data Management, Logistics Support Analysis  
Non-product suppliers (eg. tooling, machines, fuels, oils, etc...)  
PCBAs, CCAs  
Plating / Painting - All wet processes  
Power Supplies - DC, AC/DC, Switching, 400 Hz, 28 Volt, etc.  
Printed wiring boards - Rigid 2 to 18 Layers  
Program Management, Airworthiness, Maintenance, Engineering, Logistical Support, Technical Training  
Projection system - projectors, lens, filters  
Raw material - castings, forgings, bar  
Reliability, Availability and Maintainability, Failure Modes, Effects, and Criticality, Reliability Centered Maintenance, Level of Repair, Sparing, Obsolescence Management, Life Cycle Costing, Configuration  
Resale Excess Partner - Reseller of Electronic Components  
second and third line depot level maintenance to state of the art avionics upgrades  
Sensor Systems - Radar, EO/IR, Acoustics, Tactical Data Link, Self Defence Systems, etc  
Sheet metal  
Sheet Metal - High Mix, Low Volume  
Simulator Systems - Sensor Simulators, Maintenance Simulators, Operational Simulators, etc.  
Software Engineering Services - Engineering Services, Coding, Testing, Consulting  
Special process suppliers (coatings, peening, etc...)  
Specialty Engineering Services - Human Factors Engineering, EMI/EMC, RAMT, Airworthiness, Aircraft Installation  
Structural Life Assessment and Extension Programs  
Structural, Mechanical, and Aeronautical Engineering  
Supplier of composite hardware for aero engine  
Supplier with highly automated factory for general machining of engine hardware  
Suppliers of sensors, wiring harness, fasteners  
Technical Publications, Translation and Illustrations  
Test Equipment - Environmental Chambers, Test Computers, Test Rigs, etc.