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## I • INDUSTRY NEWS

### AIR TERRE ÉQUIPEMENT

<http://www.airgroundequipment.com>

#### New gear machining capacity

Air Terre Équipement of Granby is investing \$7.5 million to establish a manufacturing capability in high precision, high strength gears for the aerospace industry. The project will create 24 jobs during the next three years, as well as maintaining 52 more.

Canada Economic Development has made a repayable contribution of \$1 million for this project.

### AIR DATA

[www.airdata.ca](http://www.airdata.ca)

#### Appointment

Air Data announced the appointment of Mr. Olivier Laville to the position of Vice-president, Sales and Marketing. Mr. Laville is fully responsible for the sales and marketing of JETAIR air quality systems, including the bio-protection system, as well as for the complete family of avionics products. Mr. Laville is located at company headquarters in Montreal and may be contacted at 514 344-1674, extension 114 or at [o.laville@airdata.ca](mailto:o.laville@airdata.ca).

### AVERNA

<http://www.averna.com>

#### GPS Universal Receiver Tester (URT)

Averna has integrated its GPS constellation simulator software with its GPS RF Universal Receiver Tester (URT). This software performs signal emulation for up to 12 satellites. With this simulation addition and its RF recording and playback capabilities, the URT can now emulate signals from a 12-satellite GPS constellation, including complete "framing" information. Averna is also finalizing a more advanced version of this platform that will incorporate a Traffic Message Channel simulator capable of generating all the RF signals needed for navigation system testing. This version will include several options, including scenario simulation, error modelling and inertial navigation simulation. Averna's URT has achieved 80% market penetration of automobile radio and navigation manufacturers, making it the de facto standard for audio, video and GPS testing.

## AVIOR PRODUITS INTÉGRÉS

<http://avior.ca>

### Contract with C&D

Avior Produits intégrés received a contract from C&D Zodiac for the production of composite material structures for the cabin interiors of Global Express and Challenger aircraft. The value of the multi-year contract is US\$3.5 million. In order to respond to C&D's needs, Avior's Granby factory has been significantly upgraded, including an expansion of the clean room for the production of composite components. The work cells have also been modified to optimize output.

## BELL HELICOPTER

<http://www.bellhelicopter.textron.com>

### 2007 deliveries

Bell Helicopter delivered 181 helicopters in 2007, a 14% increase over 2006.

### Sale of 412s to Chile

The Chilean Air Force signed a contract for 12 helicopters for use in search and rescue and troop transport in the Andes. They will be added to the existing Chilean Air Force fleet of 20 Bell 412 helicopters.

### Sales of 412s in the United States

The Delaware State Police decided to add a medium-twin Bell 412 to its fleet of Bell 407 light helicopters. The 412 has been configured for use in both medical transport and security roles. The San Diego Fire Department acquired a Bell 412EP that will be available full-time for firefighting and emergency response.

### 429 sales

The 429 order backlog now exceeds 200 and it will enter production towards the end of the year. The most recent customer is Rotorcraft Leasing, a service provider in the Gulf of Mexico, which ordered two aircraft for use primarily in transport to offshore oil rigs.

### 407 sales

Colorado-based Air Methods, the largest operator of air medical transportation helicopters, with a fleet of 330 aircraft, placed an order for six 407s to be used for medical services. HeliNiugini of Papua New Guinea took delivery of two 407s for seismic research and gas exploration.

## BOMBARDIER

<http://www.bombardier.com>

### Comlux purchases two Global Express XRS business jets

Comlux Aviation, a division of "Comlux The Aviation Group", ordered two ultra long-range Global Express XRS jets. These two aircraft will join Comlux Aviation's existing fleet of Bombardier business aircraft: two wide body Challenger 605s, two Challenger 850s, two Global Express XRS – available for private, business or group charter – and one high speed Global 5000.

### Bombardier selects the P&WC PW307B

Bombardier Aéronautique announced that its all-composite Learjet 85 will be powered by Pratt & Whitney Canada (P&WC) PW307B engines. With 6,100 lbs of take-off thrust, the PW307B turbofan will incorporate a number of technological advances, including a TALON low emissions combustor, an advanced fan that delivers more thrust and powder metal high pressure turbine disks for improved efficiency. This engine has the lowest environmental impact in its class with a reduction in nitrous oxide emissions improving on International Civil Aviation Organization (ICAO) standards by more than 30 %. The PW307B also complies with the Zurich 5 emission requirements, thereby avoiding landing fee surcharges.

### VistaJet orders 60 business jets

Bombardier Aéronautique announced a major business jet order from VistaJet, a Swiss-based company that placed firm orders for 11 Challenger 605s, 13 Learjet 60 XRs and 11 new Learjet 85s, for a total of 35 firm orders with options on 25 more aircraft. The total value of the order, if all options are converted, will be around US\$1.2 billion.

Bombardier also signed a memorandum of understanding with VistaJet for the sale of Bombardier Skyjet International, its aircraft charter program. With the acquisition of Skyjet International, VistaJet will become one of the largest aviation service providers in the world. This order will triple the size of VistaJet's fleet. The company forecasts a 50% increase in revenues for this year, including a fleet expansion and a higher volume of operations, with more flights to Asia. VistaJet anticipates accumulating around 80,000 flight hours in 2012.

## CAE

<http://www.cae.com>

### Contracts for four full-flight simulators

CAE signed contracts for the design and manufacture of four full-flight simulators (FFS) and Simfinity training devices valued at C\$52 million. Lufthansa Flight Training (LFT) ordered a CAE 5000 Series Airbus A320 FFS and a CAE 7000 Series Boeing 747-8 FFS. Chinese operator Xiamen Airlines ordered two CAE 7000 Series Boeing 737-800 FFS together with a suite of CAE Simfinity training devices.

### **New civilian contracts worth \$30 million**

The first contract is to supply a CAE 7000 Series Boeing 777-200LR FFS to Delta Airlines to be delivered to Delta's training centre in Atlanta, Georgia. CAE will also supply Delta with a CAE Simfinity Boeing 777-200LR integrated procedures trainer (IPT) to be used to train both pilots and maintenance technicians.

The second contract is with an international airline that ordered a CAE 7000 Series Airbus A330 FFS and a CAE Simfinity Airbus A330 integrated procedures trainer (IPT). The two simulators will be delivered during the 2009 calendar year. These contracts bring the total number of FFS announced during the 2007-2008 fiscal year to 37, an increase over the 34 orders recorded in the previous fiscal year.

### **Level D certification for the first A380 FFS**

The world's first A380 full-flight simulator (FFS), designed and developed by CAE for Airbus, was awarded Level D certification by the European Aviation Safety Agency (EASA) and the U.S. Federal Aviation Administration (FAA). Airbus is using the simulator to provide initial training for customers taking delivery of new A380s.

### **Certification of the first CAE 5000 Series simulator**

CAE announced that its first CAE 5000 Series full-flight simulator (FFS), an A320 located at the company's Burgess Hill training centre in the United Kingdom, received Level D certification from the U.K. Civil Aviation Authority (CAA).

### **Contract for an Alenia Aermacchi M-346 simulator**

CAE was selected by Alenia Aermacchi (AAEM) as the preferred supplier of full mission simulators for the M-346 aircraft, AAEM's new generation military trainer. As part of the M-346 program, AAEM awarded CAE a contract for the design, development and validation of the initial training capability of this simulator, which is one component of the ground training system.

### **600 candidate pilots for Jazeera Airways, Kingfisher and Wizz Air**

CAE continues to expand its pilot provisioning service in response to the pilot shortage. In recent months, the company signed agreements to select, recruit and train more than 600 candidate pilots for Jazeera Airways, Kingfisher Airlines and Wizz Air over a four-year period. The training will focus mainly on the A320 and will be delivered to the Emirates-CAE flight training centre in Dubai, as well as to CAE Madrid in Spain and CAE Brussels in Belgium.

### **European Learjet training services provider**

CAE and Bombardier Aéronautique are expanding their 20-year training agreement to include Learjet 40/40 XR and Learjet 45/45 XR aircraft for European customers. The initial agreement, signed in June 2007, appointed CAE as Bombardier's authorized provider of pilot and maintenance technician training services for the Global Express, Global 5000, Global Express XRS and Challenger 300. CAE will build and operate a new full-flight simulator for the Learjet 40/40 XR and Learjet 45/45 XR models at its training centre in Burgess Hill, United Kingdom, as well as a Challenger 300 FFS in the fall of 2009.

### **Contracts worth \$60 million for five full-flight simulators**

Lufthansa Flight Training ordered a CAE 7000 Series Boeing 777-200 Long Range Freighter (LRF) FFS to be delivered to LFT's training centre in Berlin, Germany in 2009 and used to train Aerologic pilots.

CAE sold a 7000 Series Boeing 757 FFS to Flight Training Finance (FTF), a simulator leasing specialist. FTF will supply the simulator to the Icelandic Flight Academy in 2009 to support the training of Icelandic pilots.

CAE sold a CAE 7000 Series Embraer 190 FFS to Swiss Aviation Training (SAT), a wholly owned subsidiary of Swiss International Airlines. It will be delivered later this year.

CAE received an order for two CAE 5000 Series A320 FFS and related training equipment from the Zhuhai Flight Training Centre, a joint venture between China Southern Airlines and CAE. Delivery of these training systems to Zhuhai Flight Training Centre will begin later this year.

### **Contracts for five full-flight simulators**

CAE was awarded contracts for the development and manufacture of five full-flight simulators (FFS) valued at more than \$50 million. CAE has announced sales of ten FFS since the beginning of the 2009 fiscal year.

Aeroflot Russian Airlines ordered a CAE 5000 Series Airbus A320 FFS for delivery to its Moscow training centre later this year. Japanese airline Skymark Airlines ordered a CAE 7000 Series Boeing 737-800 FFS that will be delivered in 2009. CAE will supply a CAE 7000 Series Airbus A320 FFS to Ansett Aviation Training, an independent training centre in Melbourne, Australia. It will be delivered later this year.

CAE also signed a contract with the joint venture company that will own and operate the new CAE training centre in Bangalore, India. CAE owns 50 % of the joint company and will supply two 7000 Series FFS: one A320 and one Boeing 737NG. These simulators are scheduled for delivery during the summer.

### **Military contracts worth \$66 million**

Singapore's Defence, Science, and Technology Agency (DSTA) and the German military equipment procurement organization placed orders worth a total of more than \$66 million.

The contract with DSTA is for the design and production of Seahawk S-70B and Super Puma AS332 helicopter simulators for the Republic of Singapore Air Force (RSAF). BWB, the German military procurement organization, contracted with CAE for the delivery of a number of on-site logistics and maintenance support services for training equipment. It covers a range of flight simulators, including those for the Tornado combat aircraft, as well as helicopters such as the CH-53, the UH-1 and the EC135.

### **Acquisition of the Sabena Flight Academy**

CAE acquired the Sabena Flight Academy (SFA) to increase its ab initio training capacity, expand the CAE Global Academy and add new type-rating training programs in Europe.

SFA specializes in ab-initio pilot training and type-rating training for airlines. It has 40 aircraft based at its pilot training school in Mesa, Arizona, United States, and manages a training centre in Brussels, Belgium, with six AVRO RJ85/100, Airbus 320, 330, 340, as well as Boeing 737 and 737NG simulators. The Sabena Flight Academy is a JAA and JAR-approved Flight Training Organization (FTO) with 135 employees and more than 50 years of experience in professional pilot training.

## DELORO STELLITE

<http://www.stellite.com>

### New approvals

Deloro Stellite Surface Technologies of Baie d'Urfé, a subsidiary of Deloro Stellite, received NADCAP certification, as well as registration to the AS 9100B and ISO 9001:2000 quality standards. Deloro Stellite Surface Technologies specializes in the application of tungsten carbide coatings using a High Velocity Oxy-Fuel (HVOF) process, mainly for landing gear manufacturers, notably Goodrich and Messier Dowty. The Baie d'Urfé facility also includes high precision grinding capability and baths for the removal of chrome.

### Strategic alliance

Deloro Stellite Surface Technologies entered into a strategic alliance with Montreal-based Tecnickrome to offer one-stop integrated services for complex processes. This relationship will allow the two companies to offer integrated planning and more flexible production schedules.

### Acquisition

Deloro Stellite, of Belleville, Ontario acquired Montreal-based Plasmatec. Plasmatec specializes in metallic thermal spray coatings, develops abradable coatings and distributes integrated thermal spray materials and equipment. In the medium term, Plasmatec will be integrated with Deloro Stellite Surface Technologies.

## EXELTECH AÉROSPATIALE

<http://www.exeltech-aerospace.com>

### Maintenance contract for CL215P

The Québec government awarded ExelTech a five-year contract valued at \$7.6 million for the maintenance of four CL215P firefighting aircraft.

## HÉROUX-DEVTEK

<http://www.herouxdevtek.com>

### Boeing excellence award

Héroux-Devtek's Landing Gear Division received Boeing's silver Performance Excellence Award in recognition of its excellent delivery and quality performance in 2007. This high level of performance is the result of continuous team-oriented efforts by employees at all of the Landing Gear Division sites.

### Military contract

Israel Aerospace Industries awarded Héroux-Devteka a 10-year contract valued at \$10 to \$12 million. The company's Progressive Incorporated Division, based in Arlington, Texas, is responsible for the manufacture of 50 aluminium and titanium structural detail components. They include spars, ribs and fitting assemblies for structural sub-assemblies for the F-15 and F-16 combat aircraft.

### Contract from Bombardier

Bombardier Aéronautique awarded Héroux-Devtek's Landing Gear Division a contract for the supply of landing gears for the new Learjet 85 business aircraft program. Under the terms of the agreement, Héroux-Devtek will design, develop, manufacture, assemble, certify and deliver the landing gear structure and actuation system. The mandate is for the aircraft's complete life cycle and includes the supply of spare parts.

## MDA MISSIONS SPATIALES

<http://sm.mdacorporation.com>

### Contracts from Boeing worth \$21 million

Boeing awarded MDA's Sainte-Anne-de-Bellevue division a US\$21 million contract for the supply of two units of a critical telecommunications S-band sub-system that will provide voice and data communications between astronauts on the space station and ground control.

### RADARSAT-2 enters service

The RADARSAT-2 earth observation satellite was launched in December 2007 and officially began operational service on April 25, 2008. It is a follow-up of RADARSAT-1, but represents a new generation of satellite-based radar. RADARSAT-2 was created by MDA, in partnership with the Canadian Space Agency. It will target the commercial high-resolution radar imagery market. MDA's Sainte-Anne-de-Bellevue division developed the extremely sophisticated radar installed on the satellite.

## MECACHROME CANADA

<http://www.mecachrome.com>

### Sonaca NMF Canada awards 5-year contract to Mecachrome

Mecachrome Canada signed a 5-year contract to machine wing skins for Sonaca NMF Canada.

## MECAER

<http://www.mecaer.ca>

### Development and manufacture of landing gears

Mecaer was selected by Diamond Aircraft of Ontario to design, develop, certify, manufacture and provide in-service support for the landing gears of its D-Jet very light personal jet.

## MJET

<http://www.mjet.aero>

### New contract

Corpac Canada awarded Dorval-based MJET a contract to convert a CRJ200 into a 15-seat corporate shuttle configuration. It will be the first aircraft to be fitted with MJET's supplementary fuel tank that provides an additional 2,000 kilograms of fuel without occupying any cabin space. Elisen Technologies designed this fuel tank.

## PRATT & WHITNEY CANADA

<http://www.pwc.ca>

### Certification from Transport Canada and the European Safety Agency

Transport Canada and the European Aviation Safety Agency (EASA) awarded type certification to the PW127M, the latest member of the PW100 turboprop family for regional aircraft. The PW127M develops 5% more power than its predecessor, the PW127F. The PW127M is a derivative of the PW127F and PW127E that currently power the ATR 42-500 and ATR 72-500 regional aircraft. It will be standard fit on the new ATR 42-600 and ATR 72-600 variants.

### Certification of a new turbofan

P&WC received Transport Canada type certification for its new PW545C turbofan that will power the Cessna Citation XLS+ business jet. The PW545C, which develops more than 4,100 lbs of takeoff thrust, is the sixth member of the popular PW500 engine family to be selected by Cessna Aircraft Company, a subsidiary of Textron Inc. It is equipped with a Full Authority Digital Engine Control (FADEC) system, which reduces pilot workload and incorporates intelligent diagnostics capability.

### New repair and overhaul contracts

The Los Angeles County Fire Department signed a three-year contract with P&WC for the repair and overhaul of the engines that power its fleet of Bell 412 helicopters used in firefighting, emergency medical services (EMS) transport and rescue operations.

### Flight test operations centre

On April 17, Pratt & Whitney Canada announced the consolidation of its flight test operations in a new centre to be located at the Montreal-Mirabel International Airport. This new facility represents an investment of around \$90 million. This high technology centre will allow Pratt & Whitney to improve its competitiveness and conduct flight tests for all Pratt & Whitney's engine families, from turboprops to turbofans of up to 90,000 lbs thrust. Operations currently located in Plattsburgh, New York and Saint-Hubert, Québec will be transferred to Mirabel. This will create more than 75 highly skilled jobs, including test engineers and specialized technicians. P&WC will make temporary use of an existing building, starting in the fall of 2008, until the new 164,000-sq.ft. building has been completed. P&WC will operate two Boeing 747SP flying test beds when the new Mirabel centre opens in the spring of 2009.

### Maintenance contract with Era Helicopters

Pratt & Whitney Canada (P&WC) signed a Fleet Maintenance Program (FMP) contract with Era Helicopters LLC of Lake Charles, Louisiana for the engines powering its fleet of Agusta 119 Koala helicopters. The contract covers Era's 29 PT6B-37A engines for an 11-year period.

### Production of the PW127TS engine

P&WC and Helicopters of Russia signed a Memorandum of Understanding (MOU) to produce the PW127TS engine for Russia's new generation medium-twin MI-38 helicopter. Under the agreement, P&WC will be responsible for the development of a turboshaft version of its PW127 turboprop and for its certification by Transport Canada and the Russian authorities. Helicopters of Russia, in a partnership with engine manufacturer UMPO, will invest in the development and localization of the PW127TS to be assembled under licence by UMPO.

## SPG DATA 3D

<http://www.spgdata3d.com>

### Creation of SPG Data 3D corporation

Until recently, SPG Data 3D was a division of SPG Hydro International; but, as of March 1st, it became a stand-alone company. SPG Data 3D added a new product to the Accu3D family, the X-SCAN laser scanner. This 3D scanner can accurately digitise a wide range of parts. It has a data acquisition rate in the order of 25,000 points/second, as well as an overall accuracy of 0.025 mm. It also incorporates automatic sensor adjustment based on the reflectivity of the part being imaged.

## THALES

<http://www.thalesgroup.com>

### Thales selected by Gulfstream

Thales was selected by Gulfstream Aerospace Corporation to develop the three-axis fly-by-wire flight control computer system for the new Gulfstream G650 business jet scheduled to enter service in 2012. The contract has a potential value of more than \$100 million over the next ten years.

Thales will supply two digital flight control computers and a back-up flight control unit for the G650. This solution is based on the most recent development of the Quad-Dual Flight Control Computer architecture and adopts a modular concept with four channels in two separate enclosures that meets all safety, certification and operational requirements. Engineering and software development for the flight control computer and its associated back-up unit will take place at the Thales centre of excellence in Montreal.

## TURBOMECA

<http://www.turbomeca.com>

### Transport Canada certifies the Arrius 2B2

Turbomeca received type certification from Transport Canada for the Arrius 2B2 engine that powers the latest generation Eurocopter EC-135 light twin helicopter. More than 2,000 Arrius 2B2s, the latest version of the Arriel family, have been delivered, accumulating more than three million flight hours. The Arrius 2B2 delivers 40% more power than its predecessor and has a Time Between Overhaul (TBO) of 3,500 hours.



## II • TECHNOLOGY

### Aircraft recycling

6,000 aircraft will be scrapped during the next 20 years. During the aerospace innovation forum in Montreal, Mr. Malavallon of Airbus explained that in Europe no more than 60% of an aircraft is currently recycled, compared to 85% for automobiles. The demand for recycling Airbus aircraft will increase starting in 2013 and peak in 2017.

The European project "Process for management of end of life of aircraft" (PAMELA) has resulted in an increase in recycling. An aircraft built in the 1980s contains 12% steel, 4% titanium, 77% aluminium and 4% composites. PAMELA achieved recycling of 85% of an aircraft weighing 106,000 kg and the recycling of aluminium for aerospace use. EADS concluded that to recycle the maximum amount of materials, it must centralize the process, and has established the TARMAC platform in Tarbes, France.

Equipment manufacturers are becoming increasingly involved in the complete life cycle of their products including end-of-life recycling. This includes membership of organizations like the Aircraft Fleet Recycling Association, holding a conference in June. When will we see recycling at Mirabel of aircraft produced in Québec?

### Clean Sky Initiative

<http://www.cleansky.eu>

The most ambitious European aerospace research initiative was officially launched on February 5, 2008. This €1.6 billion program comprises the following elements:

- 24% for fixed wing commercial aircraft, with a major portion for the development of an intelligent wing;
- 10% for green helicopters;
- 11% for green regional aviation;
- 27% for green engines;
- 19% for systems design to optimize fuel consumption;
- 7% for ecological design;
- 2% for an environmental impact evaluation of the technologies developed in the above-referenced initiatives.

### Emissions reduction by airlines

The United States Environmental Protection Agency (EPA) stated that between 2000 and 2006, airlines have - on a global basis - reduced their fuel consumption per kilometre by 23%, while the reduction was just 2% in the case of automobiles. Taking into account traffic growth, the fuel consumption of the airline industry in the same period improved by 13%, while for automobiles and trucks it deteriorated by 6%. In addition to the purchase of more efficient aircraft, the improvement was also the result of the use of improved navigation equipment allowing more direct routings, aerodynamic modifications, lighter seats and a reduction in aircraft empty weight.

## Energy optimization

A range of development and demonstration projects is underway to optimize energy consumption. Here are some examples:

- Micro fuel cells ( $\mu$ PAC), developed to give cell phones a life between recharging of one month, could be applied to distributed equipment that currently imposes a weight penalty because of wiring used to supply electrical power (e.g. in-seat In-Flight Entertainment (IFE) equipment);
- Polymer Electrolyte Membrane (PEM) fuel cells and Solid Oxide Fuel Cells (SOFC), with increased power (400 kW) to supply emergency power, IFE systems and galleys. These technologies have a three-fold increase in energy efficiency compared to a combustion engine;
- A thermocouple film applied to turbine casings and incorporating nano-materials, resulted in a 10 – 100 fold improvement in efficiency compared to current thermocouples. The film would allow the recovery of heat energy dissipated by the turbine;
- Flexible photovoltaic cells attached to aircraft interior liners to recover luminous energy.



## III • INDUSTRY DEVELOPMENT

### Federal programs

<http://www.dec-ced.gc.ca>

In April 2007, the Federal Government adopted the Strategic Aerospace and Defence Initiative (SADI). \$900 million will be invested during the next five years to support industrial research and development.

Canada Economic Development (DEC-CED) adopted a new strategic plan for 2008-2011 that includes a new initiative named "Productivity Support" and has a budget of \$67 million.

## QUALITY

### 59 AS 9100 certified companies

Abipa - Air Data - Alta Précision - Amphenol Air LB North America - Automatech Industrielle - Bell Helicopter - Bombardier Aéronautique - CanRep - Composites Atlantic - DCM Aéronautique - Deburex - Deloro Stellite - DMG - Esterline CMC Électronique - Flight Dynamics - GE Elano - Générale électrique du Canada - Goodrich - Harrington - Hemmingford Aérospatiale - Héroux-Devtek - Honeywell - JSR2 - Lavod - Leesta - Lisi Canada Aerospace - L-3 MAS - Marquez Transtech - MDA Space - Mecachrome Canada - Mecaer - Mesotec - Messier-Dowty - Metcor - Meyer Canada - Moncar Précision - Moulages aéronautiques Alcoa - MRT Robotique - Nétur - Patenaude Industries - Pega Précision - Placeteco - Pratt & Whitney Canada - Produits intégrés Avior - Quéloz - RTI-Claro - Sargent Aérospatiale Canada - Sermatech Canada - Sido - Sintors Canada - Sonaca NMF Canada - Soudure Aérospatiale - Techniméca - Techniprodec - Teco Précision - Thales Canada - TNM Anodisation et Peinture - Vac-Aéro - Verdun Anodisation

### 1 AS 9110 certified company

Pôle Air Aviation

### 95 ISO 9001:2000 (2000 version) certified companies

ABB Bomem - Abipa - Air Data - Air Terre Équipement - Almaho - Alphacasting - Alta Précision - Amphenol Air LB North America - AP&C Advanced Powders & Coating - Apollo Micro-Ondes - ATD Design Services - Atelier d'usinage F.J. - Automatech Industrielle - Avena Technologies - Avitec - Bombardier Aéronautique - CAE (génie logiciel) - CanRep - CEL - Circuits CMR - Composites Atlantic - C.P.S. Industries - CS Communication & Systèmes Canada - Deburex - Delastek - Deloro Stellite - Diacarb - DMG - Élimétal - Esterline CMC Électronique - Finecast - Fiso - Flexibulb - Gentner - GFI - GGI International - Goodrich - Groupe Meloche - Gurit - Harbour Industries - Hemmingford Aérospatiale - Héroux-Devtek - ICT - JSR2 - Lavod - Leesta - Liebherr Aerospace Canada - Lisi Canada Aerospace

- Lockheed Martin - LSI Luminescent - L-3 MAS - Marquez Transtech  
- MDS Aero Support - Mecachrome Canada - Mecaer - Mesotec  
- Metcor - Minicut - Mitec - Moulages aéronautiques Alcoa - MRT  
Robotics - Optimus - Patenaude Industries - Pega Précision - Placeteco  
- Plasmatec - Précision JLM - Produits intégrés Avior - Quéloz - Rasakti  
- Rheinmetall Canada - Rolls-Royce - Sargent Aérospatiale Canada -  
Sermatech Canada - Sermati Canada - Shellcast - Sico - Sido - Sinters  
Canada - Soudure Aérospatiale - SPG Data 3D - Techniprodec -  
Techspace Aero Canada - Teco Précision - Terminal & Câble TC -  
Thermetco - TMH Canada - TNM Anodisation et Peinture - TQF  
Technologies - Tribospec - Trident Industries - Ultraspec - Verdun  
Anodisation - Vestshell - Werner Metals

#### 18 NADCAP certified companies

Abipa - Bodycote - CP Tech - Deloro Stellite - Héroux-Devtek -  
Genitest - Moulages aéronautiques Alcoa - Lego - Metcor - Optimus  
- Sermatech - Sonaca NMF Canada - Soudure Aérospatiale -  
Tecnickrome - TNM Anodisation et Peinture - Ultraspec - Vac-Aéro  
- Verdun Anodisation

If your company has received ISO, AS or NADCAP certification, but  
does not appear on this list, please let us know.



## IV • SHOWS, EXHIBITIONS, MISSIONS AND SYMPOSIA

### QUÉBEC AEROSPACE ASSOCIATION (AQA)

<http://www.aqa.ca>

#### Dinner-meeting

The last AQA dinner meeting of 2007-2008 was held on June 5,  
2007. More than 170 people attended and listened to a speech by Mr.  
Jean Teasdale, Vice-president, Real Estate and Commercial Services,  
Aéroports de Montréal.

## CONTACTING US

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<http://www.mdeie.gouv.qc.ca>

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