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I • INDUSTRY NEWS

AEROCONSEIL

www.aeroconseil.com

Aeroconseil launches a Canadian subsidiary in Montréal

Mr. Thierry Misson, chief operating officer of the OEM business of Aeroconseil SA (France) and president of the newly created subsidiary, Aeroconseil Canada, has appointed Mr. Benoît Hudon as vice-president and general manager of the Canadian subsidiary. Aeroconseil provides services for the complete aircraft life cycle. These services fall into two categories, aeronautical engineering and services to air transport. In 2009, the group generated revenues of €101 million and increased its number of employees to more than 1,100.

BOMBARDIER

www.bombardier.ca

Delivery of the 201st amphibious aircraft

On 22 April, Bombardier Aéronautique delivered its 201st amphibious aircraft to the Government of Newfoundland and Labrador, which has ordered four Bombardier 415s. The Department of Transportation and Works currently operates six CL 215 aircraft. The new Bombardier 415s will replace some of this ageing fleet.

New authorized service facility

Bombardier Aéronautique has announced that Comlux Aviation Services based in Indianapolis, Indiana, has been added to its network of business aircraft Authorized Service Facilities (ASF). Bombardier now has 41 facilities, including both ASFs and Line Maintenance Facilities (LMF) in 21 countries that support its business aircraft customers. They complement seven Bombardier-owned Service Centres, including its recently-opened European Service Centre in Amsterdam.

Bombardier expands its worldwide training network

On 1 May, Bombardier Aéronautique announced the expansion of its worldwide training network. Five training simulators for Bombardier's business aircraft are or will be available to provide training in Europe, the United States and the Middle East during this year and in early 2011. This announcement includes the purchase of a new CAE Challenger 605 Full-Flight Simulator (FFS) by Bombardier. This expansion will increase capacity and permit worldwide access to maintenance and pilot training.

Inauguration of the first wholly-owned European Service Centre

On 1 May, Bombardier Aéronautique officially inaugurated its new Service Centre at Amsterdam Schipol airport. This centre has been in operation since 22 February 2010. It includes a hangar with an area of 45,650 sq. ft. and has 50 employees and the centre is equipped to perform a variety of minor to major maintenance tasks. These services include training on Bombardier aircraft, PartsExpress delivery services, and mobile response teams that provide quick-reaction on site support.

Upgrade installation approval

On 4 May, Bombardier Aéronautique announced that it is the first aircraft Original Equipment Manufacturer (OEM) to receive a Supplementary Type Certificate (STC), jointly with Honeywell, to install Primus Elite DU-875 avionics upgrades including Liquid Crystal Displays (LCD) on the Global 5000, Global Express and Global Express XRS business jets. Global operators can already purchase this new system that will also be offered as an option on new aircraft.

CAE

www.cae.com

Three Full-Flight Simulator (FFS) orders

CAE has announced the sale of three Full-Flight Simulators (FFS) valued at around \$50 million at list price. CAE has sold one CAE 7000 series convertible A330/340 FFS to Saudi Arabian Airlines (SVA), the national airline of Saudi Arabia, together with an upgraded CAE Simfinity Airbus Pilot Transition (APT) trainer. Both the simulator and the APT will be delivered to the Prince Sultan Aviation Academy in Jeddah in 2011. CAE has expanded its long term relationship with Bombardier Aéronautique which has purchased a new Challenger 605 business jet FFS. The Challenger 605 FFS will be delivered towards the end of 2010 to the Bombardier training centre in Dallas, which is co-located with CAE's Simuflite facilities at the Dallas/Fort Worth international airport.

CAE has signed a contract with Emirates-CAE Flight Training (ECFT) for the purchase of a Series 7000 Dassault Falcon 900EX/2000EX FFS. This simulator will be ready for use in Dubai in the first quarter of 2011. The sale to Saudi Arabian Airlines was completed during the 2010 fiscal year and brings the number of FFS sales in this fiscal year to 20. The sales to Bombardier and ECFT are the first two in CAE's 2011 fiscal year.

Three-year contract with ExecuJet

Emirates-CAE Flight Training (ECFT) has announced the signature of a three-year contract with ExecuJet Aviation Group for provision of pilot and maintenance training services on more than 30 aircraft models. They include models manufactured by Bombardier, Cessna, Dassault, Gulfstream and Hawker as well as the King Air, Turbo Commander and Westwind aircraft. The training will be delivered

in four of CAE's worldwide aviation training centres: ECFT in Dubai (United Arab Emirates) and CAE's business aircraft training centres located close to London (Burgess Hill, United Kingdom), New York (Morristown, New Jersey) and Dallas, Texas.

Pilot training contract with Hangar8

CAE has signed a contract with business aircraft operator Hangar8 to deliver pilot and maintenance training services for eight business aircraft models made by Hawker Beechcraft, Bombardier, Cessna, Dassault and Embraer. The Hawker training will be provided at Emirates-CAE Flight Training (ECFT) in Dubai (United Arab Emirates), while the training on the other models will be delivered at Burgess Hill (close to London, United Kingdom) and by CAE Simuflite in Dallas, Texas.

Pilot training agreement with Gama Aviation

CAE has signed a long term agreement with Gama Aviation (United Kingdom) to deliver pilot training services including distance learning on four Bombardier aircraft types, the Learjet 45, Learjet 60, Learjet 60XR and Global Express. The training will be performed at CAE's aviation training centre in Burgess Hill (United Kingdom) near London Gatwick airport. Gama Aviation's pilots and maintenance technicians are the first to train on CAE's new Learjet 40/40XR/45/45XR full-flight simulator at Burgess Hill.

\$90 million contract from Lockheed Martin for training of maintenance technicians for the CC-130J

Lockheed Martin has awarded CAE a contract valued at approximately \$90 million for a comprehensive CC-130J maintenance technician training solution for the Government of Canada. The contract was awarded as part of the program referred to as CC-130J In-Service Support (ISS) for Canada's new 17-aircraft Hercules fleet. This is the second largest CC-130J contract awarded to CAE. It is further to the contract awarded last year by the Government of Canada for a complete CC-130J crew training solution, which is a component of the Operational Training Systems Provider (OTSP) program.

This CC-130J maintenance technician training contract comprises two phases. During the acquisition phase that will take place over the next three years, CAE will design and manufacture a family of maintenance training devices. They include two maintenance and loading and unloading training devices, an integrated cockpit systems trainer, CAE Simfinity laptop and desktop virtual maintenance trainers, courseware, and the outfitting of the training facility. After the delivery of the training devices in 2013, the second phase of the contract will involve CAE managing the in-service support to the aircraft maintenance technician training program at Canadian Forces Base Trenton until mid-2016.

For this CC-130J maintenance technician maintenance training program, CAE will manage a pan-Canadian team of simulation and training specialists. The project will result in the creation and retention of 70 jobs during the acquisition phase, and more than 20 permanent positions when delivery of maintenance training begins at Trenton.

New CAE C-130H simulator fitted with avionics by Esterline CMC Électronique

CAE has announced an expansion of its C-130 training centre in Tampa, Florida, with the addition of a new C-130H simulator. It is fitted with a C-130 glass cockpit avionics suite offered by Esterline CMC Électronique to C-130 operators who are considering upgrading the avionics of their existing fleets. The simulator is also fitted with a CAE True electrical motion system and CAE's Medallion-6000 visual system.

New military contracts in Europe and Canada

CAE has been awarded several new military contracts in Europe and Canada that will support the German Army and the Royal Netherlands Air Force (RNLAf), as well as the Canadian Department of National Defence (DND). The total value of these contracts is approximately \$50 million. The German organization responsible for equipment procurements for the German Army has awarded CAE Germany a contract renewal for a range of maintenance and training support services at the Hans E. Drebing simulator centre located in the German Army Aviation School in Bückeburg. This new six-year contract includes on-site maintenance of 12 CAE helicopter simulators operated by the school.

CAE will supply to the Netherlands Ministry of Defence a comprehensive academic training system for its C-130 and KDC-10 aircraft that will be used by the Royal Netherlands Air Force. CAE has been awarded a two-year extension of a contract for Professional Services support that it delivers to the Canadian Air Force Integrated Information and Learning Environment (AFIILE). In collaboration with its technology partners, Saba, OutStart and Britannica Fox, CAE Professional Services is providing an environment that allows both the performance and management of training operations and the development of learning content for the Canadian Air Force and for all of its training establishments.

DORNIER

www.dornierseaplane.com

Establishment of the Dornier final assembly site at Saint-Jean-sur-Richelieu

On 17 May, in the presence of the Minister of Economic Development, Innovation and Export Trade, Mr. Clément Gignac, the Dornier Seaplane Company announced that its final assembly line will be located at Saint-Jean-sur-Richelieu. The Government of Québec is supporting this \$71.5 million investment with a reimbursable contribution of \$35 million. The Dornier Seaplane Company owns the intellectual property rights to the Seastar twin-engine aircraft that was developed by the German company Claudius Dornier Seastar GmbH. The structure of this aircraft, whose maximum gross weight is less than 12,500 lb, is manufactured from composite materials. The Seastar is powered by two Pratt & Whitney Canada turbine engines.

The Saint-Jean-sur-Richelieu factory will perform final assembly of the Seastar. This will result in the progressive creation of almost 250 jobs for assembly, after-sales services and engineering. Québec suppliers will

be approached to provide composite material structures, the landing gear, interiors, the windscreen, cabin windows, lighting and avionics. The Dornier Seaplane Company will also perform engineering work at Saint-Jean-sur-Richelieu and will be responsible for the design of future versions of the Seastar.

GE CANADA

www.ge.com

The GE Bromont factory adds more strings to its bow edges

A project launched by General Electric (GE) Canada will mean that its factory in Bromont, Québec will manufacture additional complex components. They fall into four categories, namely titanium alloy fan blade leading edges, vanes and pitch change mechanisms and low pressure compressor and low pressure turbine blades. These new products will create 80 direct positions and 60 indirect jobs as well as allowing retention of the existing workforce that numbers almost 550. This GE Canada project, which will receive financial assistance from the Government of Québec of \$13.3 million, represents a total investment of \$63.5 million.

A public-private partnership between research organizations, prime contractors and Québec SMEs is in the process of being established to perform a green aircraft project that will develop aeronautical technologies for the future. Its role will be to test new concepts in future aircraft design by universities and research institutes.

In its 2010-2011 budget speech, the Government of Québec announced that will support this project with an investment of \$70 million over four years. Together with the contribution from industry of \$80 million, total investment will be \$150 million over four years. The project will address five specific areas:

- Aircraft fuselage structure manufactured in composite materials;
- More-electric engines;
- Integrated cockpit avionics;
- Integrated avionics for safety-critical systems;
- Future landing gear concepts.

HÉROUX-DEVTEK

www.herouxdevtek.com

\$25 million order for landing gear assemblie

Lockheed Martin has awarded a \$25 million contract to Héroux-Devtek for landing gear assemblies for the C-130J Super Hercules. The work will take place at the Longueuil factory and deliveries will continue until September 2012. These orders have been placed within the framework of Canada's Industrial and Regional Benefits (IRB) policy relating to the 2007 Canadian Government procurement of 17 C-130J aircraft. Héroux-Devtek has supplied new C-130J landing gears to Lockheed Martin for almost 15 years.

Strategic acquisition

On 29 April Héroux-Devtek successfully concluded the acquisition of substantially all of the net assets of Eagle Tools & Machine Co. of Springfield, Ohio and its subsidiary, E-2 Precision Products located in Cleveland, Ohio. These two privately owned companies specialize in the manufacture of complex landing gear components for original equipment manufacturers, and the aftermarket for military customers and various civil programs. The two companies combined have around 180 employees. For its fiscal year ending on 31 December 2009, Eagle Tools recorded sales of around US\$38 million. The value of the net assets acquired is approximately US\$34 million and the firm order backlog is roughly US\$125 million.

MECHTRONIX

www.mechtronix.ca

Order for an Ascent (MD) XJ Trainer (MC)

Mechtronix Systems Inc. has announced that Italian company Urbe Aero FTO has ordered an Ascent(MD) XJ Trainer(MC) to offer Multi Crew Cooperation (MCC) training in a jet environment to its student pilots, as well as jet familiarisation courses as part of its integrated Air Transport Pilot Licence (ATPL) program. The simulator, which is an accurate replication of the cockpit and performance characteristics of a commercial twin-jet aircraft will be installed next fall in Urbe Aero's Rome training facilities. It will be the first simulator of its kind available in the region and Urbe Aero's ATPL program will thus be very attractive for students who wish to follow introductory courses prior to initial type rating. The device will be evaluated by the Italian aviation authority, the Ente Nazionale per l'Aviazione Civile (ENAC), for Flight Navigation Procedure Training (FNPT) II MCC qualification in accordance with EASA regulations.

PRATT & WHITNEY CANADA

www.wpc.ca

Distributor and Designated Overhaul Facility (DDOF)

Pratt & Whitney Canada (P&WC) has awarded Distributor and Designated Overhaul Facility (DDOF) authorization to Covington Aircraft Engines for the repair and overhaul of the PT6A family of engines. Covington, based in Okmulgee, Oklahoma, was previously a P&WC Agricultural Service Centre for PT6A engines used in agricultural operations. As a DDOF, the company will expand its service offerings to include a wide range of PT6A engines used in other market applications.

Collaboration agreement with FlightSafety

Pratt & Whitney Canada (P&WC) has announced the ratification of a long-term collaboration agreement with FlightSafety International (FlightSafety) that will increase its global training capacity and improve the training experience for P&WC customers worldwide. The company's customers and employees will have access to world class training facilities as well as a comprehensive technology-based curriculum for the full range of P&WC engines.

THERMETCO

www.thermetco.com

AS 9100 and ISO 9001:2008 accreditations

Thermetco inc. specializes in heat treatment of metals. The company has concurrently received both AS 9100 and ISO 9001:2008 accreditations. These accreditations are the result of the development and maintenance of a quality management system that complies with aerospace industry requirements.



II • INDUSTRY DEVELOPMENT

QUALITY

75 AS 9100 certified companies

Abipa - Aérospatiale Hemmingford - Aérosphère - Air Data - Air Terre Équipement - Alta Précision - Amphenol Air LB North America - APN - Arpex - Automatech industrielle - Avior Produits intégrés - Avitec - Bell Helicopter - Bombardier Aéronautique - Bombardier Centre de tubes de Mirabel - CPS Industries - Composites Atlantic - DCM Aéronautique - Deburex - Delastek - DMG - Electro-Kut - Élimétal - Emergia Aerospace - Esterline CMC Électronique - Flexibül - Générale électrique du Canada - Gentner - Goodrich - Groupe Meloche - Harrington - Héroux-Devtek - Honeywell - JSR2 - L-3 Communications MAS - Lavod - Leesta - Lisi Aerospace Canada - Marquez Transtech - MDA Space - Mecachrome Canada - Mecaer Amérique - Mesotec - Messier-Dowty - Metcor - Meyer Canada - Moncar Précision - Moulages aéronautiques Alcoa - MSB Design - Nétur - Norduyn - Optimus - Patenaude Industries - Placeteco - Pratt & Whitney Canada - Quéloz - Raymor - RTI-Claro - Sargent Aérospatiale Canada - Sermatech Canada - Shellcast - Sido - Sintors Canada - Sonaca Montréal - Soudure Aérospatiale - Techniméca - Techniprodec - Teco Précision - Thales Canada - Thermetco - TNM Anodisation et Peinture - Trident Industries - Vac-Aéro - Verdun Anodisation - Vesthell

2 AS 9110 certified companies

Pôle Air Aviation - Turbomeca Canada

6 ISO 9001:2008 certified companies

Diacarb - Essential Turbines - Flexibül - Mannarino Systèmes & Logiciels - Norduyn - Pôle Air Aviation - Turbomeca Canada

99 ISO 9001:2000 (2000 version) certified companies – Expires in 2010

ABB Bomem - Abipa - Aérospatiale Hemmingford - 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 - Avera Technologies - Avitec - Bombardier Aéronautique - CAE (génie logiciel) - CanRep - CEL - Circuits CMR - Composites Atlantic - CPS Industries - CS Communication & Systèmes Canada - Deburex - Delastek - Deloro Stellite - DMG - Electro-Kut - Élimetal - Esterline CMC Électronique - Finecast - Fiso - Flexibül - Gentner - GFI - GGI International - Goodrich - Groupe Meloche - Gurit - Harbour Industries - Héroux-Devtek - ICT - JSR2 - Lavod - Leesta - Liebherr Aerospace Canada - Lisi Canada Aerospace - Lockheed Martin - LSI Luminescent - L-3 Communications MAS - Marquez Transtech - MDS Aero Support - Mecachrome Canada - Mecaer - Mesotec - Metcor - Minicut - Mitec - Moulages aéronautiques Alcoa - Moules PCM - MRT Robotics - MSB Design - Optimus - Outilleurs Arpex - Patenaude Industries - Pega Précision - Placeteco - Plasmatec - Précision JLM - Produits Belt-Tech - 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

26 NADCAP certified companies

Abipa - Aérosphère - Bombardier Centre de tubes de Mirabel - Composites Atlantic - CP Tech - Genitest - Groupe Meloche - Héroux-Devtek - L-3 Communications MAS - Lisi Aerospace - Lego - Messier-Dowty - Metcor - Meyer - Moulages aéronautiques Alcoa - Optimus - RTI-Claro - Shellcast - Sonaca Montréal - 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.



III • MANPOWER AND TRAINING

ÉCOLE NATIONALE D'AÉROTECHNIQUE (ÉNA)

www.college-em.qc.ca

A Canadian first for ÉNA

The 1,200 hour training program referred to as "Aircraft Maintenance 999.49", and developed by the continuing education department at ÉNA, has been recognized by Transport Canada for the M (Maintenance), S (Structures) and E (Avionics) licences. This is the first time in Canada that a single program has been deemed acceptable for all three Transport Canada licences. On 15 February 2010, a group of 14 students commenced a one year 999.49 training program. The Montréal regional office of Emploi-Québec funds this program.



IV • SHOWS, EXHIBITIONS, MISSIONS AND SYMPOSIA

AEROMART MONTRÉAL 2010

On 27 and 28 April the Aeromart international aeronautics and space business convention was held at the Palais des Congrès de Montréal. More than 1,000 participants from twenty countries attended and featured over 6,000 pre-planned one-on-one business meetings between suppliers and customers or potential partners (prime contractors, equipment manufacturers and integrators). It also included several conferences and workshops presented by Original Equipment Manufacturers (OEM) and representatives of countries and regions with active aerospace industries. Minister Clément Gignac delivered a speech during the opening ceremonies. A dinner organized by the Québec Aerospace association (AQA) on 27 April attracted almost 600 guests.

The Global Supply Chain Summit was held on 29 April, immediately after Aeromart. The Honorary Chairperson was Janice Davis, vice president and chief procurement officer, Bombardier Aerospace.



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