

# Contrails

MANITOBA AEROSPACE

JUNE 2010

A PUBLICATION OF THE  
MANITOBA AEROSPACE ASSOCIATION  
MARKETING COMMITTEE

NEWS • EVENTS • INFORMATION



## MESSAGE FROM THE EXECUTIVE DIRECTOR - VIC GERDEN

MANITOBA  AEROSPACE

As we emerge from a challenging world economic downturn, we can again be very hopeful of not only another beautiful Manitoba summer but also a bright aerospace future replete with opportunities for those companies that are ready to compete globally. Our aerospace industry has come a long way since that first flight in Manitoba of the Curtiss biplane aircraft on July 15, 1910. Our aerospace experience and track record in the past 100 years is strong – indeed our four largest aerospace companies have been in business for a collective total of over 290 years! Our Association members now employ over 5,000 people and export goods and services to six continents. However, as we celebrate our aerospace achievements of the past 100 years, we need to continuously prepare ourselves for increasingly stiff competition.

Here are some of our recent and near-term MAA activities and initiatives:

- The week of 7-11 June 2010 was proclaimed “Aerospace Week in Manitoba” by MLA Bjornson, Minister Entrepreneurship, Training & Trade.
- The Manitoba Aerospace Week proclamation event washeld on Friday 4 June at Red River College, Stevenson Campus, coincident with an Aviation and Aero-

space in Manitoba(AAiM) Day activities - 700 Grade 6 students experienced various aerospace-related activities that gave them a taste of this exciting industry.

A special ‘Aerospace Week supplement’ was created for the 7 June edition of the Winnipeg Free Press to inform Manitobans about the exciting activities taking place in our industry. Hopefully, this exposure will also attract students and skilled trades. Thank you to all contributors! Feedback has been positive.

- Activities on 8 & 9 June included opportunities to visit our four largest manufacturing and MRO member companies to hear about ‘supplier opportunities/criteria’ and ‘continuous improvement’ best practices.

The Centre for Technology & Training (CATT) was available for familiarization tours on 10 June. The Centre for Aerospace Technology and Training (CATT), a joint partnership between RRC, StandardAero and provincial and federal governments, is emerging as a terrific facility that is continuously improving its capability and capacity to develop and facilitate implementation of advanced technology repair processes (eg. laser welding/cladding, vapour deposition coating techniques, non-destructive inspection of materials, etc). This facility is available to all Manitoba aerospace companies. Contact: Ray Hoemsen, Director, Tel: (204) 632-2523, rhoemsen@rrc.mb.ca

- Led by our Composites Innovation Centre, the Canadian Composites Manufacturing Research & Development Consortium was launched in April 2010 to foster R&D in advanced composite materials – a clear strength in our Manitoba cluster. Partners include Boe-

### Inside this issue:

Congratulations to Cadorath Aerospace.....	Page 2
MAA Welcomes new members.....	Page 3
Aboriginal Aerospace Initiative.....	Page 4
New Name for MAHRCC.....	Page 5
Aerospace & Aviation in Manitoba Day.....	Page 5
A Message from the MAA President.....	Page 7
Manitoba Aerospace Events.....	Page 7



## MESSAGE FROM THE EXECUTIVE DIRECTOR - Vic GERDEN (CON'T FROM PAGE 1)

ing, Bristol Aerospace, Avcorp, Bell Helicopter, Cormer Group, Avior, NRCIRAP and several others. A public announcement event sponsored by Boeing Research & Technology was held in Ottawa on 1 June. Well done Sean McKay and Mike Hudek from the CIC for your great work and perseverance in putting this important Consortium project this together!

- The MAA has recently completed a WD supported project dealing with Industrial & Regional Benefits (IRB) opportunities, Export Controls (such as ITARs), competitive gap analysis, and market research for opportunities in the southeastern USA. If you wish related information, contact Vic Gerden (471-9979).

A Manitoba Aerospace 'Competitive Edge' initiative is underway to help our companies gain market advantage by continuously improving their business processes. To date, four of our companies have undergone a rigorous benchmarking process to identify and prioritize areas for improvement.

- By now, most of you are aware of the new construction taking place in Thompson, MB where a new world-class Global Aerospace Centre for Icing & Environmental Research (GLACIER) facility is being created in a joint venture by the Rolls-Royce and Pratt & Whitney companies with support from Federal and Provincial government partners. The world's biggest and best commercial aircraft engines will be tested there starting this autumn. In conjunction with this initiative, a non-profit association called the Environmental Testing, Research-

and Educational Centre (EnviroTREC) has also been created to foster environmental research in areas such as engine icing certification methodology. This organization has plans to research noise emission reduction and alternate fuels and will also facilitate training and other opportunities in this sub-sector.

- Surveys: Thank you to those companies that have responded to various recent aerospace surveys and Directoryupdate. It is important for our national and provincial Associations to have accurate, up-to-date information so we can advocate effectively on your behalf.

An updated Manitoba Aerospace website has been launched that can serve as an excellent information resource and recruiting tool. See the new [www.manitoba-aerospace.mb.ca](http://www.manitoba-aerospace.mb.ca)

The next Manitoba Aerospace General Information breakfast meeting will be held on 18 June at the Hilton Suites Hotel (7:30 breakfast, 8 a.m. meeting start). Agenda will feature. Learn more about our latest initiatives.

Finally, I would like to encourage your nominations for the 2010. Manitoba Aerospace All-Star Awards of Excellence. Although it may seem early, (All-Star Awards night will be on Thursday 18 November), we would like your nominations as soon as possible. Contact Vic Gerden or Wendell Wiebe if you need advice or assistance in the nomination submissions.

Wishing you an enjoyable summer.

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## CONGRATULATIONS CADORATH AEROSPACE (WINNIPEG)



Cadorath Aerospace (Winnipeg) has earned the 2009 Rolls-Royce Model 250 Award for the greatest investment in the global network. The announcement was made by Rolls-Royce during a Heli-Expo 2010 awards reception. Cadorath Aerospace (Winnipeg) has been a Rolls-Royce authorized repair facility since 1999. It recently received a nine-year contract renewal from Rolls-Royce.

Congratulations Cadorath Aerospace!

# MAA WELCOMES NEW MEMBERS:

The Manitoba Aerospace Association welcomes the following new members:



**Thompson Unlimited**  
info@thompsonunlimited.ca

## **Sub Zero –Thompson, Manitoba Centre of Excellence for Cold / Winter Weather Testing**

Thompson, Manitoba, Canada is a Centre of Excellence for cold/winter weather testing. For 25 years, Thompson has been the chosen site for automobiles, helicopters, fixed wing aircraft, snowmobiles and heavy duty equipment.

When it comes to below freezing temperatures, we're number one! In fact, no other Canadian city has as many days below freezing as Thompson. Environment Canada analyzed 30 years of weather data for Canada's 100 largest cities and determined that Thompson's 240 days a year of below-freezing temperatures make our winter season longer than any other Canadian city with a population over 15,000.

Thompson is also the world's premier test site for icing certification and research of adverse cold weather conditions. Rolls-Royce and Pratt & Whitney have worked with the National Research Council of Canada to establish a world class Global Aerospace Center for Icing and Environmental Research (GLACIER) to be completed in 2010. This center will test gas turbine engines up to 150,000 lbs force thrust as well as future technology developments in bus and automotive manufacturing. Research will also be conducted into noise and emissions reduction, alternative fuels and lubricants.

For more information contact us at Thompson Unlimited - (204) 677-1900 or info@thompsonunlimited.ca.

If it Starts here, It can start anywhere!



**Legacy Bowes Group**  
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.

"Locally based, with national and global affiliations, LBG brings together the best regional talent management expertise to the benefit of our clients. We guarantee quality standards, resources and capability. Allow us to earn your trust." — B. Bowes.

### 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

## ABORIGINAL AEROSPACE INITIATIVE

Over the next 3 to 4 years, at least 200 Aboriginal people will gain valuable skills and employment experience leading to work in the Aerospace/manufacturing industries through a project announced in January, 2009. Funding for the initiative was provided through the Federal Government's Aboriginal Skills and Employment Projects. "The Government of Canada is taking steps to ensure that Aboriginal people fully share in economic opportunities," said Minister Toews. "This project will offer Aboriginal people the skills they need to find and keep good quality jobs in the Aerospace sector, support their families, and strengthen their community and the local economy." The Aboriginal Aerospace Initiative (AAI), through a formalized partnership with the Aboriginal community, industry and the province of Manitoba, will provide the Aboriginal participants with the literacy, essential skills, vocational training and on-the-job experiences required to work in the aerospace or manufacturing industry. "It is an exciting time for the Aerospace industry in Manitoba, and we remain

focused on growth," said Bruce Clarke, Chair of the Board of the Aboriginal Aerospace Initiative. "CAHRD is looking forward to continuing to work with the aerospace industry," said Marileen Bartlett, Executive Director of CAHRD. "We have always been committed to helping our community become self-sufficient and this new program will certainly support the participants in obtaining that goal." Under this project, CAHRD not only provides the training and support services to the Aboriginal participants; ensuring they are supported throughout their training and their work experience at the aerospace companies but also has built a brand new building to house the training facilities. MAHRC ensures that the Industry's skill and employment requirements are incorporated within the training.

For more information about this exciting initiative, please contact Barb Bowen, Manager of Special Programs, 204-272-2955 or Joe Prest, Aerospace Liaison Officer, 204-949-1493.



MANITOBA  AEROSPACE

*All-Stars*  
**AWARDS**  
*of Excellence*

Do you know an **Aerospace All-Star**? If yes, **nominate** them for a **Manitoba Aerospace All-Stars Award of Excellence**! You can nominate individuals or organizations, colleagues or employees.

For more information or to make a nomination, visit:  
[www.manitoba-aerospace.mb.ca](http://www.manitoba-aerospace.mb.ca)

The All-Stars Awards event celebrates the aerospace industry in Manitoba and recognizes excellence in our aerospace community. Manitoba Aerospace encourages members to nominate individuals or organizations whose achievements they believe exemplify excellence and who are deserving of recognition by the aerospace community.



MANITOBA  AEROSPACE

Are your sons or daughters interested in a career in Aerospace?

They can gain the basic skills needed to join the Winnipeg Team

Now recruiting for September 2010.

For more information contact:

Geordie Wilson  
Tec Voc High School  
1555 Wall Street R3E 2S2  
(204) 792-1379  
[gwilson@wsd1.org](mailto:gwilson@wsd1.org)



# NEW NAME FOR THE MANITOBA AEROSPACE HUMAN RESOURCES COORDINATING COMMITTEE

The Board of Directors of the Manitoba Aerospace Human Resources Coordinating Committee have modified the name of the organization. The new name is:

***Manitoba Aerospace Human Resources Council, MAHRC*** for short.

Essentially, it is a change in name only. As a Council, we will continue to provide the services that the industry, educational partners and governments have come to expect.

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## AEROSPACE & AVIATION IN MANITOBA DAY

Each year since June 2007, Grade 6 students from about 20 schools in Winnipeg and rural Manitoba take part in Aerospace and Aviation in Manitoba (AAiM) Day. We focus on Grade 6 because the science curriculum includes a module on Flight. The day's activities are designed to reinforce the concepts they are learning in school as well as to introduce them to the city's thriving aerospace and aviation industries. This event is designed to let students participate in hands-on activities that center on four major aspects of the aerospace and aviation sectors: Repair & Overhaul, Manufacturing/Composites, Space and Flight.

Manitoba Aerospace Human Resources Coordinating Committee (MAHRCC) has partnered with: StandardAero, DND-17 Wing, Tec Voc High School, Manitoba Aviation Council, Career Trek, Magellan Aerospace,

Boeing Canada, Women in Science & Engineering, Manitoba Association of Rocketry, and our hosts Red River College - Stevenson Campus. The event is a big hit with students and teachers alike and the biggest complaint we hear is that they would like to spend more time at the venue.

This year, AAiM Day was held on Friday, June 4th. 350 students will be involved in the morning activities and another 350 in the afternoon.

The event could not have happened without the support of our member companies, particularly Boeing, Bristol and StandardAero. The event is run with over 120 volunteers from the companies as well as student volunteers from Stevenson Campus and Tec Voc High School.

### Some photos from AAiM Day 2010





## **Red River Centennial Air Fair Free to the Public !**

In honour of 100 years of powered flight in Manitoba, we are pleased to invite the public to visit a very special showcase of private and commercial heritage aircraft.

**Saturday, June 19, 2010  
10:00 a.m. – 5:00 p.m.  
Stevenson Aviation & Aerospace Training Centre  
@ Red River College  
2280 Saskatchewan Avenue**

### **Featuring**

The display aircraft will encompass everything from radio controlled aircraft → sailplanes  
→ ultralights → commercial aircraft → military aircraft:  
*Pietenpol Air Camper → Pitts Special → Titan T51 Mustang → Lockheed L10A  
CT-114 Tutor Snowbird → other military aircraft  
Boeing 727 → Douglas DC-9 → and many more!*  
Unique display of home-built aircraft – come talk directly  
to the owners who build and fly these aircraft  
aircraft subject to change

**You won't want to miss this unique experience – up close!**  
Please plan to join us for this exciting event to celebrate Manitoba's  
proud aerospace and aviation past and future!

**Individuals, families and groups are invited to drop in and tour the display  
anytime between 10:00 a.m. & 5:30 p.m.**

**Free parking** on Stevenson lot is available and road parking on Saskatchewan Ave. has  
been authorized by the City of Winnipeg for the day.

Sis and Me mobile catering truck will also be on site so you can purchase hamburgers, fries, hot dogs, etc.

For additional information please contact Melanie Rennie at [mrennie@mts.net](mailto:mrennie@mts.net) or 204-237-3464

**Hosted by:**

**Stevenson Aviation & Aerospace Training Centre – Red River College**

# MESSAGE FROM THE PRESIDENT, MANITOBA AEROSPACE, PAUL HEIDE



The Manitoba Aerospace Association (MAA) Board believes that the successful growth of the aerospace industry hinges on its skilled workforce and industry competitiveness. In a highly competitive global aerospace industry, Manitoba provides a leading edge in innovation.

business processes to drive competitiveness forward within their organization.

2) Manitoba has the skilled work force, the infrastructure and business environment that foster profitability for its firms. The MAA Board is seeking to increase the awareness level of the aerospace industry. Raising awareness includes employment opportunities and options. It is the Board's sincere hope that everyone will strive to develop, support, and promote the industry inside our province.

There are two important issues to consider:

1) The global economic challenges coupled with the additional challenges of exchange rates and instability push us further and further at an increasingly faster pace. In support of our industry sector we have launched a program entitled The Competitive Edge Initiative. Four MAA companies are collaborating with MAHRC as well as a proven successful provider in Northwest Aerospace to share and implement a set of

The Competitive Edge initiative is an important improvement initiative for our industry. Stay tuned – you will be hearing more about this in future issues of Contrails.

Wishes from the Manitoba Aerospace Association for a safe and happy vacation this summer.

Paul Heide  
President, MAAI

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## MANITOBA AEROSPACE EVENTS - SPRING 2010

### I. MAA Board Meeting

May 28, 2010

### II. AAiM Day

Winnipeg, MB

June 4, 2010, at Stevenson Aviation  
2280 Saskatchewan Avenue

### III. Aerospace Week

June 7 - 11, 2010

### IV. Aerospace Week Proclamation

Winnipeg, MB

June 4, 2010, at Stevenson Aviation  
2280 Saskatchewan Avenue

### v. Supplier Awareness Session

June 8 StandardAero a.m. - Magellan Aerospace p.m.

### VI. Supplier Awareness Session

June 9 Boeing a.m. - Aveos p.m.

### VII. MAA Breakfast and General Meeting

Winnipeg, MB

June 18, 2010, at Hilton Suites  
1800 Wellington Avenue

### VIII. Farnborough International Air Show

July 19 - 25, Farnborough (London), UK

### IX. MAA / MAHRC Annual General Meeting

Winnipeg, MB

September 16, 2010, at Hilton Suites  
1800 Wellington Avenue

### X. MAA All-Stars Awards Dinner

Winnipeg, MB

November 18, 2010, Victoria Inn  
1808 Wellington Avenue