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NEW HORIZONS

VOL. 12 NO. 3

NATIONAL NEWSLETTER

OCTOBER 2006

PRESIDENT'S REPORT

By Matt Bestland

As I write this article the final days of the 2006 season are upon us. It is hard to believe yet another year has been entered into the logbooks. There is nothing like a few days of personal time with your family, and/or friends, to recharge the batteries.

After a well deserved break it won't be long before we are all contemplating our personal and business performance during the past season and making plans for the next one, as we all know how fast they approach. This is no different for the CAAA. We are setting our Ottawa meeting agenda and discussing our goals and objectives for the winter meeting season. There are many issues the CAAA will need to address, but none more important than the new smart regulations we are partnering with Transport Canada.

As stated in the past, the intent of the new operating regulations are to lessen the regulatory burden on commercial operators, without adversely affecting their safety record.

This does not alleviate all of the regulatory issues members have identified as the most pressing issue in the annual

business survey, but we feel it is a very good start. Two other recent issues requiring attention:

- First, the growing interest in wind farms and the preliminary sampling towers that seemingly pop up over night; which are unlit and are unannounced. To address this situation the CAAA requested and was granted a seat on the wind farm advisory committee to represent our industry's concerns, which not only include safety but the negative financial impact on operators.
- Second, the flying farmer issue. I realize this has been a topic of discussion for many years and a point of heated debate; however, we will address it and try to clarify the ambiguity as to what and how the regulations apply to this segment of our membership. It will no doubt raise some questions as to why I would comment about this in the President's message, but as an Association we strive to maintain a comfortable working relationship with Transport Canada and its Regulatory Compliance division and

others. Understanding the regulatory requirements of this segment has become a point of difficulty, not to mention a vast consumer of human resource time within the CAAA office and its directors, attempting to clarify and mediate the present working situation. The topic will be discussed at length and fairly represented by both the commercial operator and the flying farmer segments.

I can not stress the importance of making your points known in writing or email to the CAAA office or your provincial representative as it is the most efficient way to address them on your behalf.

In closing, I hope the newsletter finds you all in good health and enjoying the benefits of a safe and profitable season.

Thanks for your continued support

PROVINCIAL REPORTS

ALBERTA

Fran de Kock

As I write this report, we are having a rainstorm but about a month late. The season so far has been a mixed bag. It started with all kinds of optimism, as moisture and seeding conditions were excellent. The promise of a big fungicide season soon disappeared with 30-degree heat and a serious lack of rain. A few areas were fortunate to have work due to localized showers.

The crop outlook for most of Alberta is average at best. Hopefully the quality of the grain and commodity prices will make up for a lack of bushels at harvest.

Late July brought a Bertha Armyworm outbreak in Saskatchewan and western Alberta. Aircraft and operators from all three prairie provinces converged on many areas where the outbreaks were severe.

Pesticide licensing for pilots to work in another province can be a painful process on short notice. The best way to address this issue is to have a pesticide license for each province in place at the start of the season. There are some differences in the requirements for each province to be addressed, such as credit procedures and exam requirements.

Organic farmers are becoming a major concern for all commercial spray operators and

farmers. It is very important to get the latest list from each county or rural municipality and mark your maps. I have found not all organic farmers keep the counties or rural municipalities up to date on their land locations. Some of the organic farmers we deal with are reasonable; they understand our concerns and issues, and we try to understand theirs. Others are unreasonable; have no concern for anyone but themselves, and pose a real problem for their neighbours as well as aerial applicators.

As the fall meeting season approaches, remember to let your Board know of any concerns you may have, so that they can be addressed at our November AGM. The fall AGM in Red Deer is a must for aerial applicators to attend. There will be numerous interesting speakers, a chance to address issues affecting us all as aerial applicators, and credits will be offered for pesticide licenses. The credit sessions offered in Red Deer will also be recognized for pesticide renewals in Saskatchewan and Manitoba.

When the season winds down, it is time to catch up on family time to make up for the 24/7 routine we keep throughout the season. The thought of our time at Iskwatikan Lake in September and October keeps me motivated as the season progresses. I look forward to seeing you in Red Deer in November.

SASKATCHEWAN

Jeff Farr

As I sit here today it is a beautiful 28 Celsius harvest day. This weekend is forecast calls for snow flurries and -5 Celsius! As I mentioned in the spring letter, what a country!

As our application season comes to an end, and harvest rapidly winds down, it is hard to believe it is ending for another year. Our area was fortunate to have harvested a very nice crop of excellent quality.

Most operators in Saskatchewan were fortunate enough to have a decent season. The Bertha Armyworm outbreak in central Saskatchewan kept most operators busy for several weeks. I want to commend everyone involved as it was amazing to see how rapidly everyone reacted to the needs of our agricultural producers, and how professionally the task was handled. Thousands and thousand of acres were successfully saved from decimation. Without our industry this would not have been possible!

As September draws to a close the SAAA and CAAA Boards begin meeting and planning for the upcoming year and our conventions. There will be many interesting and important items at the conventions affecting all of us and everyone's attendance and input is important! November 2nd and 3rd, 2006 at the Radisson Hotel in Saskatoon are the dates



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for the SAAA 2006 Wings of Saskatchewan Conference!

That's about it for now from sunny southern Saskatchewan!

MANITOBA Reg Friesen

Greetings from Manitoba,

So far we are enjoying a beautiful fall; hopefully winter will be as kind. Our equipment is put away and now it's time for the "Meeting Season". I have been receiving some calls about the credit system for our applicators licenses and the lack of certain categories. We will be taking a good look at this for our meeting in Manitoba on November 2nd and also what we will need to offer at the CAAA convention this February.

Planning for the CAAA convention is going very well and we are sure you will have a great time. The format has been changed slightly and I believe this is going to keep things interesting. If you have any ideas of what you would like included, feel free to call me as soon as possible.

Other than that, I hope you had a safe and productive season and I will be looking forward to seeing everybody this winter. By the way, the rumour that Winnipeg is the coldest city in Canada is nothing more than a myth. Remember what doesn't kill you, just makes you stronger!

EASTERN CHAPTER Gerry Cormier

TECHNOLOGY FOR SPRAY DEPOSIT OPTIMIZATION

During January and February 2006, a very unique spray deposit trial took place in the State of Florida and it only happened because of the wonderful cooperation from its collaborators and partners:

ADAPCO, Inc.
Canadian Forest Service – Atlantic Region
Forest Protection Limited
Ghislain Rousseau

Manatee County Mosquito Control District
Manitoba Conservation
New Brunswick Department
Natural Resources
REMSpC Spray Consulting, (Bob Mickle)
Société de Protection des Forêts
contre les Insectes et Maladies
(SOPFIM)
Thermofluids Consulting Group
University of New Brunswick – Department
of Mechanical Engineering
USDA Forest Service
Valent BioSciences
Vector Disease Control Inc.

As well as being partners in the project, Mark Latham, Director of the Manatee County Mosquito Control District, and his staff, were invaluable as hosts and for providing staff time and resources, (including a helicopter!), well beyond all expectations. Thank you again Mark.

For many of the participants this particular trial was the culmination of years of effort and co-operation. Simply, the group was there to see how a suite of technologies, such as droplet spectra, high value pesticides, GIS, modern aircraft and application technology could all be brought together to maximize the spray deposit within a target on the ground.

Along with the field trial, some of the recent efforts leading up to the trial were:

- 1) AT-802 calibration trials over open ground and forests.

- 2) Onboard meteorology with the Aventech AIMMS-20.
- 3) Defining droplet spectrums from wind tunnel runs.
- 4) USDA-FS AGDISP deposit modeling.

From 2001 to 2004 aircraft calibration trials were completed to determine track spacing for an AT-802 using Micronair AU4000 rotary atomizers and Foray 76B, which would be efficacious against the spruce budworm. During this time there was also valuable work done to perfect how flow control and auto spray on/off work best in tandem.

In June 2005 wind tunnel runs were done with an atomizer in a 240 km/hr wind stream to determine an optimum droplet spectrum. This and other wind tunnel results were used to model spray deposit on paper prior to treating the Manatee County blocks. The combined results were also used as input to the AGDISP spray fate model running on the AT-802 during the deposit trial portion of the trial.

The final trial site was located in southwest Florida and ran from January 22nd to February 2nd 2006. An AT-802 equipped with the Wingman GX spray management system provided guidance, displayed, monitored and logged 10-Micronair AU4000 rpm values simultaneously, displayed and logged radar altimeter values, controlled auto-boom on/off functions, monitored and logged the AIMMS-20 onboard meteorological values at one-second intervals and dynamically provided real-time optimization solutions for each spray run to the pilot.



Over 5300 Kromekote cards (ughhh!) were collected by a small army of hands. The trial began with a pair of triangular blocks (8 hectares each) being treated in each session. The first triangle was sprayed conventionally (Wingman GX real-time optimization turned off) and imme-

continued on page 4

diately after the second triangle was sprayed but this time in an optimized fashion (Wingman GX real-time optimization turned on). This was done seven times over the course of a few days. The trial then moved onto a much larger, irregular shaped block (65 hectares) that was treated five times either conventionally or optimized.

We wanted to answer the question “do we obtain a better deposit using the best tools available (optimize spray) compared with a conventional spray”. Although a final report is still being written, the answer is definitely a YES! Visual observations of drops on the Kromekote cards indicate that the amount of deposit was substantially increased and was found across the entire block when the Wingman GX optimization feature was used while the upwind side of the block was missed when a standard spray was used.

The Wingman GX system with integrated AIMMS and real-time spray optimization is expected to be used operationally in Canada in 2007 as well as the installation into a Cessna 188. An agricultural trial will also take place in Rayville, Louisiana.

A final report for SERG-International will be completed by fall 2006 and it will be presented at the Annual SERG-International Workshop scheduled for February 12 - 15 in Quebec City, prior to the CAAA convention in Winnipeg. One should plan on supporting both meetings.



Fire threatens St. Ambroise

Fire brought under control by 7 p.m

By Leighton Klassen
The Daily Graphic

Friday October 06, 2006

Portage la Prairie — ST. AMBROISE -- A grass and marsh fire ripped through hundreds of hectares of farmland yesterday just southwest of St. Ambroise.

Although no homes were affected, the fire caused extensive damage to farmland in the community's backyard, destroying an estimated 1,800 hectares, or more than 18 square kilometres.

“This is all my hay burning up right now,” a calm, yet clearly upset Louis Lavallee said yesterday afternoon while pointing toward a thick cloud of smoke about two kilometres west of Highway 430 between St. Marks and St. Ambroise. “I lost about 200 bales of hay and it's not insured. But it's an act of God, so what can you do?”

The fire started at about noon in a marsh near Hextall Lodge, a duck hunting lodge, about three km southwest of St. Ambroise. The fire was parallel to Highway 430.

Portage la Prairie deputy fire chief Phil Carpenter said it is suspected an overheated quad sparked the massive blaze, although no official cause has been determined by press time.

By 2 p.m., the fire had spread northward past Road 82 North, engulfing everything in its path, including brush, trees and grass.

Portage Emergency Services, Cartier Fire Department, Wood-land Hutterite Colony Fire Department from Warren, Manitoba Fire Commissioner's Office, Manitoba Conservation and five crop duster planes from Jonair 1988 Ltd. were involved. Eight trucks and about 28 firefighters battled the blaze with the help of Rural Municipality of Portage, which provided bulldozers to remove brush threatened by the fire.

Cutting through thick clouds of black smoke, the bombers sprayed the area around Road 85 North, west of Highway 430.

Further north, residents began to move cattle out of the path of the flames. Blocking the gravel road with half-ton pickup trucks, they scrambled to get control of the animals.

One man yelled as five cows split off into a nearby patch of bushes.

“Stop the cattle,” he yelled as he and other community members darted into the bush in hopes of controlling them, meanwhile a thick cloud of smoke approached the small road.

Around 2:30 p.m., Carpenter considered the fire to be out of control.

“It's progressing to the north,” he said. “It's spreading quickly.”

Just before 3 p.m., firefighters from Wood-land Colony were awaiting instructions from Manitoba Fire Commissioner's Office at Highway 430 and Road 85 North.

Jeff MacMillian has been with the department for just over a year and was ready for the call.

“You get a real rush -- but you wonder what's going on,” he said, while looking northward at the raging fire he was about to battle. “You never know what you're really getting into.”

The planes continued to drop water on the surrounding area until about 5 p.m.

Carpenter said firefighters finally gained control of the fire by 7 p.m., and it was out by about 9 p.m. Nobody was injured in the fire and no structures were damaged.

“CAAA's” Members Only Website

The CAAA now has a Members Only Section of the website which allows members to access the Licence Recertification Credits they have taken through the CAAA or the Provincial Associations*. In addition you can sign up for the Pilot Registry program and place classified ads on the website. Several other options are under construction for this section of the website. To access the Members Only Website, go to www.canadianaerialapplicators.com and on the left hand side is Members Login. If you are a first time user, click on Register Here and enter your information. You will receive an email with your log in information and that is all you need to use this membership benefit! Any suggestions for additions to the website are gratefully accepted.

**This list is not an official list of credits. To receive official lists of credits for Manitoba contact Assiniboine College, for Saskatchewan contact SIAST, and for Alberta contact Lakeland College.*

Afghan Poppy Growers Fear Poison Wrath from the Skies

Jim Krane – *Edmonton Journal*
Sunday, October 1, 2006

U.S. wants to eradicate opium fields with airborne crop dusting

With profits from this spring's record opium crop fuelling a broad Taliban offensive, Afghan authorities say they are considering a once-unthinkable way to deal with the scourge: spraying poppy fields with herbicide.

Afghans including President Hamid Karzai are deeply opposed to spraying the crop. After nearly three decades of war, western science and assurances can do little to assuage their fears of chemicals being dropped from airplanes.

But U.S. officials in Kabul and Washington are pushing for it. And on Thursday the country's top drug enforcement official said he would contemplate spraying opium crops – even with airborne crop-dusters – if other efforts fail to cut the size of the coming year's crop.

"This year, we'll wait and see how it goes. Next year, the 2008 season, we will consider it," said Lt.-Gen. Mohammad Daoud Daoud on the sidelines of an anti-poppy gathering in Jalalabad, the capital of Nangahar province. This year, Nangahar was a success. Poppy cultivation stayed low amid a boom that saw Afghanistan produce 82 per cent of the world's opium, providing for 90 per cent of its heroin, according to U.S. and United Nations figures.

Opium eradication is one of the great failures since the U.S.-led invasion in 2001. In 2000, under the Islamist

Taliban government, Afghanistan produced virtually no opium.

Planting has soared since then, jumping 59 per cent this year, enough to produce 6,700 tonnes of opium that fetched around \$750 million US for Afghan farmers and eventually sold for \$50 billion on the street, mainly in Europe, according to a UN report.

Opium poppies have become Afghanistan's chief crop and economic mainstay even as Washington and Britain have pumped hundreds of millions of dollars into eradication schemes and complex efforts to create markets for legal crops.

In the meantime, drug money nourishes the insurgency. In the opium-rich southern provinces of Helmand and Kandahar, Taliban commanders protect growers in return for a 30- to 40- per cent tax, which is spent to recruit fighters, experts in the region say.

Retired U.S. general Barry McCaffrey, the Clinton administration drug czar, said crop dusters may be the only way to preserve Washington's project in Afghanistan, before drug profits undermine the country's elected government.

"We know exactly where these fields are. They're absolutely vulnerable to eradication. And it is immeasurably more effective to do it with an airplane" McCaffrey said from Virginia. "I've been telling the Pentagon, if you don't take on drug production you're going to get run out of Afghanistan."

But in Helmand, home to 42 per cent of this year's crop, Daoud said it remains too dangerous to spray.

A former mujahedeen commander, Daoud said the Taliban can bring down low-flying planes. "They have rockets," the bearded general said. "We can't spray there."

U.S. and UN experts here say eradicating the drug from this Texas-sized country will take decades.

Riddle

I'm not an airplane, but I can fly through the sky.

I'm not a river, but I'm full of water. What am I?

Answer on back page

Chances are ... If you spray with it we STOCK & SUPPORT it

GPS Systems	Engines
Flow Control	Cylinders / Pistons
CP Nozzles	Carbs / Magnetos
Pumps / Valves	Starters
Overhaul Kits	Oil Coolers
Booms	Alternators
Boom Shut Off	Fuel Pumps
Windmills / Blades	Oil Coolers
Dry Break, Couplers	Prop Governors
Patterator	Batteries
Flags	Flap Motors
Flow Meters	Vortex Generators
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Threats to Water Availability in Canada

Every day, Canadians turn on the tap and out flows clean, safe water. Canada is envied for its water resources and many take its seemingly unlimited water supply for granted. However, a new Environment Canada report reveals that an unlimited water supply is a myth. Canada faces threats to its freshwater resources – some imminent, some in the future.

According to the report, climate change, or variability in climate, could have significant effects on Canada's water supplies, causing an increase in the frequency of droughts and floods, shrinkage of glaciers, and a reduction in permafrost. Although the southern Prairies typically experience droughts, a warming climate could bring more severe, longer-lasting and more frequent droughts to all regions of the country. This has serious implications for the quantity of water available for agriculture, industry and domestic use.

At the other end of the spectrum, changes in climate could bring increased and more severe flooding, particularly to southern regions of the country. Floods contaminate water supplies and change the pattern of groundwater renewal with devastating consequences to water availability.

The report also describes what scientists expect will happen to lakes and rivers, groundwater, glaciers, permafrost, and wetlands as a result of climate change – all at a serious cost to our water resources and our economy. For example, melt from glaciers in the Western Cordillera, which includes the Rocky Mountains and other nearby mountain ranges and plateaus, contributes significantly to summer streamflow in rivers and streams, and is essential for irrigation in Western Canada. Shrinking glaciers translate into less available water for agriculture and for many other purposes.

Who uses Canada's Water?

As well as detailing the significant impacts climate change will have on the quantity of available water, *Threats to Water Availability in Canada* also explores the demands placed on Canada's water by different sectors. For instance, it points out that municipal use is now

11 per cent of Canada's total freshwater consumption and that municipalities are already reporting water shortages caused by increased consumption, drought or infrastructure problems. Municipalities that rely on groundwater reported shortages the most frequently.

Canada's largest and second largest users of water are thermal power plants and the manufacturing sector. While mining itself has limited demands on water, the industry is a higher demand user when its refining, smelting, and manufacturing operations are accounted for. Agriculture is Canada's largest net consumer of water, using about 70 per cent of the water it takes from rivers, streams, reservoirs and wells. Crops and fodder need water to grow, lots of it. As a rough indication, a kilogram of potatoes takes up to 500 litres of water to produce, a kilogram of grain-fed beef up to 100,000.

What can be done?

Environment Canada aims to raise awareness of the water-quantity threats Canadians face and to encourage decision-makers and water resource managers to confront the problem of a shrinking water supply.

The report also identifies areas where more research is needed. For example, there is a need to increase the ability to predict changes to the hydrologic cycle and ways to offset them. It stresses the need to continue and improve climate and water monitoring in order to have the data needed to act.

Environment Canada is establishing new national hydro-meteorological laboratories in Edmonton and Saskatoon, and Vancouver. Knowledge and tools generated in these facilities such as improving flood forecasting will be readily transferred to the provinces.

Finally, a new collaborative Water and Climate Impacts Research Centre at the University of Victoria will encourage university and government researchers to collaborate to generate the scientific knowledge required to protect and sustain Canada's water resources.

Did you Know?

- Canada makes up seven per cent of the earth's land surface and contains nearly seven per cent of the world's renewable freshwater.
- Canadians use about 1650 cubic metres of freshwater per capita each year, more than double the average European rate.
- Caledon, Ontario (pop. 40000) relies on groundwater as its source of drinking water. The replacement cost of its drinking water service is estimated at \$33 million annually.
- Rocky Mountain glaciers that supply up to 10 per cent of the base flow used for irrigation in Western Canada may shrink dramatically during the next century.
- Alberta's oil and gas industry has the rights to 25 per cent of the province's groundwater supply for use in the recovery of oil from wells.
- Roughly 14 per cent of the world's lakes larger than 500 km² are located in Canada.

Reminder to all Pesticide Licence Holders

As of 2007, anyone renewing their pesticide licence in Alberta, Saskatchewan & Manitoba through recertification credits must have 15 credits including a minimum of 2 credits in Environment, Regulations, Human Health & Pesticide Safety, Pest Management and Application Technology.

Most applicators do not have the minimum 2 credits in the area of Environment to renew their pesticide licence through credit recertification. This year's CAAA Conference will offer a credit session in the area of Environment. Complete the enclosed conference registration form so you don't miss this opportunity to attend!

Lower Your Blood Pressure!

Putting in those extra hours at the office could be raising your blood pressure, according to a new study. Researchers from the University of California, have found that working longer hours is directly associated with hypertension, even after adjusting for biological risk factors such as gender and ethnicity.

From 55,000 households surveyed at random the study — published in the American Heart Association journal Hypertension — analyzed the infor-

mation of 24,000 adults who worked more than 11 hours a week.

Compared with those working between 11 and 39 hours a week, people who put in between 40 and 51 hours were 17-per-cent more likely to report hypertension. Those who worked more than 51 hours were 30-per-cent more likely. The authors cite several possible reasons why working longer hours leads to hypertension, including shorter recovery time (and less sleep), poor eating habits, lack of exercise

and longer exposure to psychosocial factors, such as job strain, in the work environment. That is significant, because hypertension is known to drastically increase the risk of heart attack and stroke. It turns out that people in jobs that place high demands on them but give them low control over the conditions have more stress.

Ten ways to lower your blood pressure, from the Harvard Heart Letter

A special four-page section in the September issue of the Harvard Heart Letter takes a look at the latest thinking on high blood pressure. It includes information on blood pressure basics, measuring change, and the definition of what's normal. Hypertension is a silent killer because people with high blood pressure rarely have symptoms. The section also offers 10 steps for getting your blood pressure under control and keeping it there:

- 1 Check it.** You can't do much about your blood pressure unless you know what it is. Your doctor should check it at every visit. Healthy adults should have a blood pressure of 120/80 millimeters of mercury or better. Measuring at home between visits is even better.
- 2 Get moving.** Exercise can lower blood pressure by 10 points, prevent the onset of high blood pressure, or let you reduce your dosage of blood pressure medications.
- 3 Eat right.** A diet for better blood pressure emphasizes fruits, vegetables, low-fat dairy products, whole grains, poultry, fish, and nuts.
- 4 Control your weight.** If you are overweight, losing weight can lower your blood pressure.
- 5 Don't smoke.** Smoking a cigarette can cause a 20-point spike in systolic blood pressure.
- 6 Drink alcohol in moderation.** Going beyond a drink a day can contribute to higher blood pressure.
- 7 Shake up your salts.** Too much sodium and too little potassium can boost blood pressure. Aim for less than 1.5 grams of sodium a day, and at least 4.7 grams of potassium from fruits and vegetables.
- 8 Sleep is good.** Chronic lack of sleep can contribute to high blood pressure. Get at least six hours a night.
- 9 Reduce stress.** Mental and emotional stress can raise blood pressure. Meditation and deep breathing can lower it.
- 10 Stick with your medications.** Taking medication can keep you from having a stroke or heart attack.

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CAAA Stakeholder Participation

This fall the CAAA will be a stakeholder and/or participant on your behalf for the following initiatives:

- The National Standards for Windfarm Lighting and Marking. Headed by the Visual Aids Technical Unit, Transport Canada, Aerodromes and Air Navigation Branch.
- The Federal/Provincial/Territorial Stakeholder Session. Provides numerous stakeholders the opportunity to discuss industry concerns with the PMRA in an informal, roundtable setting.
- Technical Session on the new Pest Control Product Act. Presented by the PMRA to outline how the new Act will be administered and regulated. The new Act will make wide reaching changes to the sale and use of pesticides.
- The NAFTA Technical Working Group on Pesticides trilateral conference call. To provide stakeholders an update on key activities under the NAFTA Technical Working Group on Pesticides and their work towards harmonization. The conference call will provide stakeholders the opportunity to add agenda items to the next NAFTA Technical Working Group on Pesticides trilateral meeting between Canada, Mexico and the United States.
- The Pest Management Advisory Council (PMAC). An opportunity to meet the Pest Management Advisory Council and become familiar with the issues they are addressing. The PMAC was developed to oversee and provide direction to the PMRA.
- The NAFTA Technical Working Group on Pesticides trilateral meeting. To discuss and work towards North American Harmonization on pesticides.

In addition, the CAAA will meet with the PMRA and Transport Canada in Ottawa at their fall board meeting. Issues to be discussed include chlorpyrifos re-evaluation, buffer zones, Own Use Import Program and Transport Canada regulation modification for aerial application.

The CAAA is working hard on your behalf to ensure you and the industry have a voice and input on all these important issues.



CALENDAR OF EVENTS

SAAA AGM - 2006

Radisson Hotel
Saskatoon, SK
November 2 & 3, 2006

AAAA AGM - 2006

Red Deer Lodge
Red Deer, AB
November 13 & 14, 2006

NAAA Conference & Trade Show - 2006

Rosen Shingle Creek
Orlando, Florida
December 4 – 6, 2006

CAAA AGM – 2007

The Fairmont Winnipeg
Winnipeg, Manitoba
February 22 – 24, 2007

CAAA AGM – 2008

Halifax, NS

CAAA Awards

The Canadian Aerial Applicators Association is accepting nominations for the following annual awards:

Award of Excellence - Recognizing an individual's contribution to the betterment of agricultural aviation in Canada.
Past Winners: Clark Oberholtzer, Peter Hansen, Fran de Kock, John Bodie, Lloyd Good, Lorin Rubbert, Bob Morse/Peter Funk, Peter Funk, Jon Bagley, Bob Morse, Brian Kinniburgh, Garry Reusch, Gary Moffat, Murray Palmer and Dale Gross

The Ace Award - Presented to a pilot with five years or less experience who demonstrated great tenacity and willingness to accept "any position around the hangar that may lead to a flying job", in their quest to become a professional Ag-Pilot.
Past Winners: Matt Hughes, Devan Yaholnitsky, Greg Flowitt, Jean-Luc Andre, John Floyde, Steven Toth, Jay Cummings, Jeff Dean, Johnny Bestland and Kevin Mooney

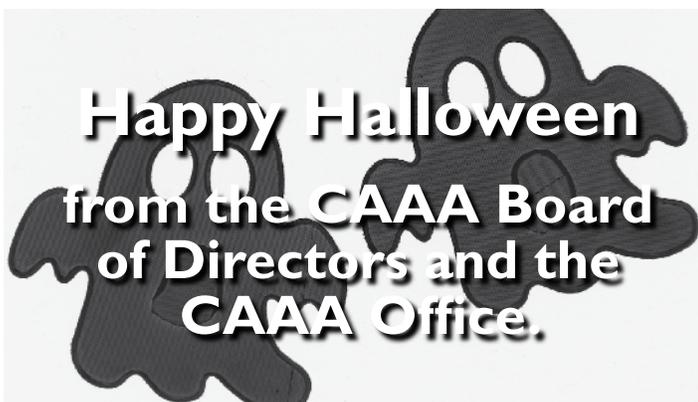
The Jumpseat Award - For an individual, group or allied member who through personal effort and dedication has made a substantial contribution to the agricultural aviation industry and the CAAA.
Past Winners: Dwight Willoughby, BASF, Vivianne Servant, Alberta Environment, Chuck & Chip Kemper, Queen Bee Air Specialties Inc; Duane Feely, Manitoba Conservation - Fire Program; Tony Mrak, United Agri Products; Monsanto Canada Inc.; Cheryl Denesowych, Yorkton Aircraft Services; Jock McIntosh & Janet McLean, Alberta Environmental Protection; Dow AgroSciences Canada, Inc. and George Esau, Oldfield Kirby Esau.

Wings of Agriculture Award - For outstanding professionalism in agricultural aviation by an active member of the association.
Past Winners: Bob Martindale, Matt Bestland, Brent Lange, Ted Anderson, Fran deKock, Jon Bagley, Lorin Rubbert, Larry McDonald, Al Hein, Peter Funk, John Bodie, Cheryl and Allan Denesowych, Ian Dutton and Bob Morse

M.V.P. Award - For a non-flying individual support staff person of a CAAA member who demonstrates an outstanding contribution to the teamwork approach of an aerial application operation in Canada.
Past Winners: Robert Chenard, James Spence, Carri-Ann Hansen – West Wind Airspray Ltd., Joan Tiede – Target Airspray Ltd., Shirley Bodie – Jonair Ltd., Susan Molberg – Westman Aerial Spraying

CAAA Pilot of the Year - Presented to an active CAAA individual member who is a pilot with more than 5 years experience and has demonstrated dedication and professionalism throughout their career as an agricultural pilot.
Past Winners: Bruce Gair, Matt Bestland, and Clairon Seib

CAAA members wishing to nominate a fellow member for one of these awards are requested to complete the enclosed forms and submit to the CAAA office by December 31, 2006. Awards will be presented at the 2007 Annual General Meeting in Winnipeg, February 22 – 24, 2007.



Dollars & Sense of Aerial Spraying

2004 field trials completed in Manitoba illustrated yields with aerial application are as good as or better than ground application on canola, wheat beans and potatoes. This is the second trial in ten years that illustrated yields were better overall with aerial application. The data from the trials has been compiled and published in a brochure for use by aerial applicators. The brochure provides applicators with an excellent marketing tool to promote their services to producers. The brochure is available through the CAAA office at \$1.00 per copy. The trials were independently conducted by AXYS Agronomics and supported by Manitoba Aerial Applicators Association, BASF Canada Inc., Arty's Air Service, Bestland Agro, Jonair (1988) Ltd., Morse Bros., Roland Air Spray, and Westman Aerial Spraying Ltd. For more information contact the CAAA at 780-413-0078.



The Fairmont Winnipeg



Photo courtesy of Travel Manitoba

The 2007 CAAA Tradeshow and Conference will be hosted at the Fairmont Winnipeg Hotel, located in the heart of downtown Winnipeg, on the

corner of Portage and Main. The Fairmont Winnipeg puts delegates in the centre of all they need in Winnipeg. Connected via skywalk and concourse to Winnipeg's business district, shopping and theatres, delegates may never have to go outside. But, if they choose to venture out, the city is at their doorstep. Within a few blocks of the hotel guests can find the historic Forks Market, the Exchange District and the lively theatre district. In your downtime, unwind with a stunning view of the city from the hotel's newly renovated rooftop pool and health facility.

Call the Fairmont Hotel for your reservation at 1-800-441-1414 or 204-985-6240. Reference the CAAA Convention in order to receive the special room rate of \$119.00 (based on single or double occupancy).

NEW SCHEDULE FOR 2007 CONVENTION

The CAAA 2007 Convention & Trade Show has a new and exciting agenda. Based on input from members and exhibitors, numerous changes have been made to improve the CAAA annual conference. The tentative schedule is as follows:

Thursday, February 22, 2007

12:00 p.m. – 2:00 p.m.	Opening Lunch with Speaker
2:00 p.m. – 4:00 p.m.	CAIR Safety Seminar (2 credits)
4:00 p.m. – 6:00 p.m.	Exhibits Open/reception
6:30 p.m. – 11:00 p.m.	Icebreaker
11:00 p.m. – 1:00 a.m.	Hospitality Suite

Friday, February 23, 2007

8:00 a.m. – 10:00 a.m.	CAAA Annual General Meeting /Continental Breakfast
10:00 a.m. – 12:00 p.m.	Exhibits Open
12:00 p.m. – 2:00 p.m.	Awards Luncheon
2:00 p.m. – 5:00 p.m.	Exhibit Open
2:00 p.m. – 5:00 p.m.	Spouse Program
6:30 p.m. – 7:00 p.m.	Hosted Reception
7:00 p.m. – 11:00 p.m.	Banquet & Auction
11:00 p.m. – 1:00 a.m.	Hospitality Suite

Saturday, February 24, 2007

8:00 a.m. – 9:00 a.m.	Credit Session (1 credit) /Continental Breakfast
9:00 a.m. – 9:15 a.m.	Coffee Break
9:15 a.m. – 12:00 p.m.	Spouse Program
9:15 a.m. – 11:15 a.m.	CAIR Annual General Meeting
11:15 a.m. – 11:30 a.m.	Coffee Break
11:30 a.m. – 12:30 p.m.	Credit Session (1 credit)
12:30 p.m. – 5:00 p.m.	Open time for Training Sessions /Industry Hosted Lunches

Mark your calendar now to attend the 2007 CAAA Convention on February 22 – 24, 2007 at the Fairmont Winnipeg Hotel.

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1973 Bellanca Citabria 7ECA 115 Hp., Complete recover Jan. 97, always hangared. Strobes, Narco AT 150 Mode C, Narco 120 com, Intercom, SMOH 1183, STO 229, TT Airframe 3751. E-mail **bobhill@mts.net**

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1954 Cessna 180 - 2988.6 Total Time 814.8 Total Time Engine (O470J Model) 20 SNEW 3 Blade Prop and Governor New interior in 2000 KT76 mode C Transponder, Narco MK16 Navcom No floats or ski kits. Standard Fuel. Located in Killarney Manitoba Canada. Call **1-800-776-4656**

1974 S2R 600 Thrush for sale. 6320 total time; 850 SMOH; air-conditioning. Call Ed Balon at **306-227-6280, \$85,000.00 Cdn**

1986 AT401 - 150 SMOH, Satloc, Flow Control, VG, Air Conditioning, New King COM, \$135,000.00 CND. Call Norm at **306-536-5055**

1973 Cessna 188B Ag Wagon, 2850 Hrs TTAF, 912 Hrs, engine TTSM, Satlock litestar GPS equipped, VHF and FM radios, Stainless steel booms C/W air driven pump, New paint, no damage history. Very clean airplane, ready to fly away. Currently located at Stony Plain, Alberta. Please contact: Roland Blackburn, (780) 939-2454 Home, (780) 939-3933 Work or (780) 910-8310 Cell.

1991 Air Tractor 401, 2264 TT, 1041 SMOH, 865 Prop, NDH, always hangared, no fertilizer, Satloc, Flow Control, CP's Heavy Gear, n Oil Filter, Smoker, Flagger, \$124,000.00 USD. **204-746-6717**.

1975 AG-Truck, 4933 TT, 981.2 SMOH, 436 SPOH, STOL, Satloc, CP's, Flagger, Smoker, Drop Booms, \$47,000.00 USD **204-746-6717**.

1986 AT-401, 501.5 hours TT. Satloc GPS, CP nozzles. Hydromatic prop. For more information contact Dale Kane at 204-867-3147 or by email at **kenkane@mts.net**.

1989 AT-401. 2923 airframe hours, 688.7 engine time. 3 blade hydromatic prop, 492.9 hours. Satloc GPS, CP nozzles. \$130,000 USD. Contact Ken Kane at **204-867-3147** or by email at **kenkane@mts.net**.

PARTS, EQUIPMENT AND SERVICES

Hartzell Prop (3 blade) for Cessna 185, 400 hrs. snw. Call **204-362-0406**

Ham STD. 12D40-AG100 Blades 600 hrs.smoh. Call **1-204-362-0406**

Ham STD. 12D40-6101Blades 70 hrs.smoh. Call **1-204-362-0406**

1975 Thrush, 12,000 hours total time; 200 hours SMOH. Assorted Thrush parts, tail rudder, assorted Air Tractor 401 parts; firewall forward parts, etc. Contact Ken Kane at **(204) 867-3147** or email at **kenkane@mts.net**

We have converted our AT401B's to Walter Turbine engines and therefore have for sale the following parts: Propellers- 2 and 3 blade Hydromatic, exhaust parts, Firewall forward parts, some instruments. Please contact Ken Kane at **204-867-3147** or e-mail at **kenkane@mts.net**.

Ag aircraft parts, services all lines for 56 years. Mid-Continent Aircraft Corp. Hayti, MO 63851. **1-800-325-0885**.

Parts for Sale: Assortment of parts for S2R Thrush, Transland spreader new, stainless steel spray valve, CP check valves, plus numerous other parts. Call Joe at **306-738-2024**, email: **javandebv@hotmail.com**

AG-NAV 2, still the Ultimate GPS. Even though the price has been consistently dropping, with new software upgrades (at no charge to current owners!) the amazing agricultural capabilities of this compact GPS continue to expand. With Fire Nav, you can now have real time moving map fire fighting data, including bird dogs, air tankers and drop locations! AG-NAV's customer support is still unbeatable. Call Lloyd at West Central Air at **306-882-3830**, or AG NAV at **1-888-66-AGNAV**.

AVIATION FUEL TRUCK, Tank Size 3940 litres last used in Aug. 2005 by Field Aviation. Truck, pumps and meters in good working order. \$3,500.00. Call Jonair, **(204) 857-4151**

FERTILIZER- All types of Liquid and Dry Fertilizers available. Terminal space through Western Canada. Call for pricing and availability. Matt **204-736-2476**, email: **matt@bestlandagro.com**

EMPLOYMENT OPPORTUNITIES

Pilot required for Air Tractor 502 beginning spring of 2007. Must have turbine Ag experience. Please submit resume to Dale Air Services, P. O. Box 239, Morris, MB or fax 204-746-6719



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