



Carb Heat

July 2013

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Next Meeting: Saturday July 20 at 10:30 AM
Carp Hangar

Tour:

*Helicopter Transport Services
Canada*

followed by a BBQ

**TOUR CANCELLED AT THE LAST MINUTE
NEW PROGRAM BEING PREPARED**

Editor's Comments



This month as usual, Cary Beazley presents the President's Message.

Wayne Griese brings us a historical look at Carb Heat.

Alfio Ferrara continues his Gadget Corner, with another fuel gadget and digital charts.

Ken Potter contributes an article about his cool experience on Canada Day.

Alfio Ferrara also wrote an article about our Young Eagles Day.

There are plenty of listings for flyout possibilities. And check the For Sale section where there are great opportunities listed.

We need more stories and information to pass on to our readers. If you go to fly-ins, take notes, pictures and write a short article so others find out what they missed.

Yvon Mayo

President's Message by Cary Beazley



It's been a busy month!
We held another very successful Young Eagles fly day right after the June meeting – that's the busiest I have seen the airport since the Ottawa airshows. And A number of Chapter members and young volunteers also did some kidventure rib building and sheet metal events at the Canadian Air and Space Museum on Canada day.

Aircraft Glass Panel comparisons – presentations and aircraft show'n'tell

I want to thank Dwayne especially for acting as master of ceremonies

as I was running around trying to set-up for the Young Eagles event right after the meeting. Sorry Dwayne.

We set up in Dwayne's hangar for the meeting as the main hangar was being used for Lee Fasken's annual and rib building to occupy the Young Eagles.

Dwayne brought in several laptops, displays and his next panel project in progress. There was lots of good discussion and food for thought from our panels of presenters: Dwayne Price, Greg Holbrook, Charles Martel, André Durocher, Phil Johnson, Matt Pearson and Bruce Wheaton. Each discussed their panel choices (Dynon, Garmin, Grand Rapids) and why.

The topics included philosophies, cockpit management, redundancy, battery backup in every unit, sub-panels, some of the current panel capabilities and inter-connectivity,

some regulations and back and forth discussions. Charlie's 3-deep philosophy on redundancy, his choices based on his long flying experience and failure's encountered. Phil also talked about his polyfuse and transorbs.



Photo Credit: Dwayne Price

André brought in a paper mock-up of his panel for the Venture and his 7" deep GPS.

Greg talked about regulations, safety, accidents, TSO certified versus the flexibility we have in the



Photo Credit: Dwayne Price



Photo Credit: Dwayne Price

amateur built category. A basic day VFR might be a small Dynon, com, GPS and transponder.

We also touched on the future with a cheap Android tablet running



Photo Credit: Dwayne Price

Naviator and next generation transparent LED displays for use as a heads up displays.

“It’s all about keeping the spouse happy!”

A big topic - from presenters with a wide variety of knowledge and experience, and who have put a lot of thought, time and effort into their projects.

There were a few panel test rides after the meeting as well.

Thanks Everyone

Young Eagles Day June 15th

We had another successful Young Eagles Day with over 50 flown! I believe Alfio is doing a write-up, so I'll keep it short. A HUGE thanks again to everyone who helped put smiles on some young faces again this year!

Canada Day July 1st at the CASM

A number of members were at the Canadian Aviation and Space Museum for the Canada Day celebrations for kidventure activities - rib building and sheet metal this year thanks to John Montgomery.

Gillian at the museum said they had ordered good weather. Sure enough it was a nice day surrounded by an otherwise rainy summer. They have clout!

It was a bit of chaotic start, but we finally got set up under the wing of the Argus between the buildings for some welcome shade.

Ken, Shirley and Alfio flew in and spent the day

The kids, big and small, kept us busy all day and we were running low on supplies near the end. Most importantly everyone seemed to have a good time.

I think I can speak for everyone and say it was a fun day!

Thanks to everyone who volunteered: John & Colin Montgomery (who have been doing this for years...), Scott McGeachy, Nick Savasta, Philip Bortnowski, Ken Potter, Shirley Mackey and Alfio Ferrara.

A few other members dropped by as well.

Gillian, Janice, Kim and Cassandra helped us get set-up lent us some of the museum’s rib jigs and kits. I know I am forgetting some people.

It was nice to finally meet more of the museum staff in person.

Dave Puskas of Aircraft Spruce Brantford was nice enough to donate a sheet of Aluminum for the sheet metal activities – Thanks Dave.



Photo Credit: Cary Beazly

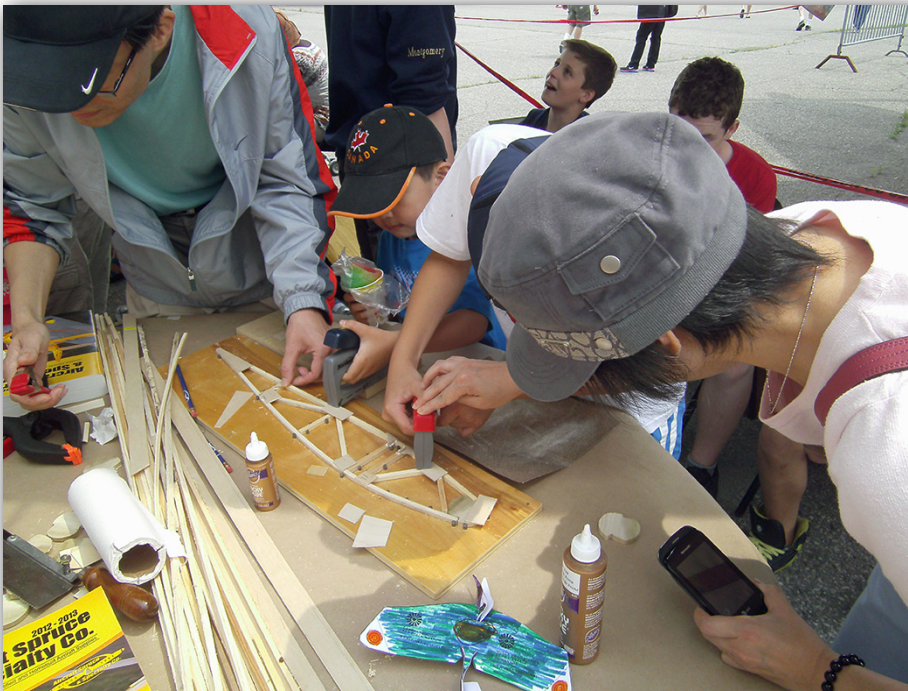


Photo Credit: Cary Beazly

There were a lot of activities going on: RFC breakfast, models, RC groups, kids crafts, coloured paper airplanes, rockets and of course some flyby's, the LOUD Radial engine demo, non-stop Waco rides, and don't miss the Star Wars exhibit.

Here's a link from John Montgomery on the Hucks starter for the Hawker Hind:
<http://www.vintagewings.ca/VintageNews/Stories/tabid/116/articleType/ArticleView/articleId/381/language/en-CA/The-Moment--First-Hucks-Start-in-70-Years.aspx>

Unfortunately, Ken Potter was not able to bring the Fleet Canuck near the kidventure activity tables. Ken helped out for a bit at the table. It sounded like he had quite the day meeting some of Chris Hadfield's clan and sitting a lot of kids in the Fleet Canuck for a real airplane intro!

Thierry of SAM Aircraft flew the plane in to show it off between the Museum buildings. It sounds like things are going well and they are building up hours on serial #1.

Our stock of rib building wood cap strips and nose blocks was running low. The CASM is running low as well. We had a bit of an adventure trying to find local supplies and tried a number of local poplar boards, pallet separator strips. We ended up milling the nose pieces from 2" dowels chopped pasta maker style. Lots of bandsaw dust later...

If anyone knows a local source for 1/4" spruce boards – let us know.

Makerplane.org at Oshkosh

Here's a quick note from John Nicol:

I just wanted to see if you could let the other Chapter members know that MakerPlane

www.makerplane.org will be in the AirVenture Innovation Center at Oshkosh again this year (Booth 23). It is opposite the EAA Welcome Center in the middle of everything.

<http://www.airventure.org/innovations/>

This year we will be showing off a partially completed open source MakerPlane v1.0 LSA cockpit and a lot of open source avionics. We will also hopefully be showing off our new prototype open source EFIS/glass cockpit display based on the CAN-FIX bus protocol being developed by MakerPlane members.

It is our intention to launch an Indiegogo crowdfunding campaign at Oshkosh which will allow us to complete the first of our open source aircraft and create the plans and construction manuals from it. We are collaborating with Purdue University in the US to help create technologies to assist builders based on Augmented Reality and smartphones and tablets as well as part of their 'Hangar of the Future' facility, which could also form part of the construction methodology one day. The white paper we are working on should be available at AirVenture for those interested in having a look.

Hope to see lots of Canadians at the booth!

*Regards,
John Nicol*



Photo Credit: Cary Beazly

SAM Aircraft

There is lots going on at SAM aircraft and lots of updates since their first flight:
www.sam-aircraft.com
 They will be at Oshkosh later this summer.

Sam Aircraft has created an Indiegogo.com page to raise additional funds and find additional investor/ partner/ buyers to support or participate in the project:
<http://www.indiegogo.com/projects/sam-aircraft>

We hope to see them doing the rounds at the fly-ins this summer.

Around the Patch

Dick Moore and Rodney Stead dropped in to do their annuals – too bad we don't see them as much anymore.

We received a quick email from Bill Reed from Dawson City, Yukon doing the northern tour.

Brent Phillion has left a box of slightly dated CFS and IFR stuff free for the taking.

Nav Can CYOW airspace review

There was another NavCan CYOW airspace proposal review meeting recently – I hope to have an update shortly.

New RFC IFR Club

The Rockcliffe Flying Club is hosting a new RFC IFR club the last Thursday of the month @7:30.
www.rfc.ca

WCD Updates

Discussions with WCD are ongoing.

Cary

Upcoming 2013 Chapter Events

11 August	Open House Day at the Carp Chapter

Meeting Schedule

20 July 2013, 11AM	EAA Meeting start at Carp Chapter hangar @10:30 Helicopter Transport Services Canada 11am Tour down Bravo taxiway Followed by a BBQ
August 2013	No meeting
19 September 2013	Makerplane - John Nicol Location Change: back to the museum
17 October 2013	Spl'Oshkosh review followed by Elections

EXHAUST – from the Carb Heat Archives



**35 YEARS AGO
June 1978**

Flying to Oshkosh? Carb Heat editor Bill Laundry questioned the wisdom of flying over Lake Michigan to get there. He wrote:

“Your editor has heard from a few chapter members who flew across Lake Michigan to get to or return from Oshkosh. Let’s look to see if the over-water route is shorter than the over-land route. All distances are great circle calculated from published values of airport Latitudes and Longitudes.

Ottawa (Uplands) – Maple – Port Huron – Ludington- Oshkosh:

Total distance 693.4 statute miles,
Total airtime at 120mph – 5hrs 46 min.

Ottawa (Uplands) – North Bay – Chippewa Co. – Schoolcraft Co. – Oshkosh:

Total distance 699.5 statute miles.
Total air time at 120 mph – 5hrs 49 min.

The total Lake Michigan air time does not include the time to climb and descend to and from the 8500 ft. or 9500 ft. normally used to cross the lake. If this time were taken into account, the total airtime would most likely be greater.

If you really wish to go the shortest route, fly Ottawa – Maple – Bay City – Oshkosh a total distance of 668.6 statute miles and a total air time of 5 hrs. 34 min. saving another 12 minutes but now you have to fly over Lake Huron.

Your editor will stay with the land route and fly the extra 6.1 statute miles with very little traffic except for Oshkosh of course.”

20 YEARS AGO, June 1993

On July 1, 1993 the chapter was well represented at the Canada Day display at the National Aviation Museum with four aircraft flying and one on static display. Dan Barraclough flew his beautiful vintage Stampe biplane in for static display, while Andy Douma in his Davis Da-2, Rod Emmerson in his Teenie Two, Luc DeSadeleer in his RV-6 joined Gary Palmer in his Lancair 235 in a fly by demonstration.

Nigel Field in his Var-Eze and J.C.Audet in his Long-Eze gave the crowd their usual formation arrival and departure at the Rockcliffe fly-in breakfast as well.

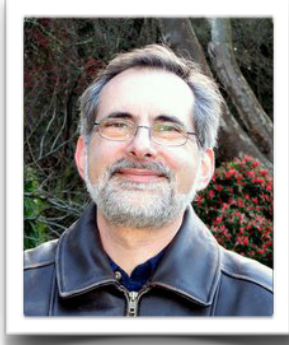
In the July 1993 Classifieds you could have bought a Davis DA2A for only \$13,900 from Jim Bradley, or an Aeronca Champion 7AC for \$13,000 from Mike Sacoutis.

Rod Emmerson provided a 7 page report on building the Teenie Two. Interesting reading if you are considering building one.

wayner@igs.net.

Wayne GRIESE

Gadget Corner by Alfio Ferrara



Fuel Jiggler

This month's column will be fairly short, as I have been busy with organizing EAA activities, and other personal stuff... you know, chores, work, flying (not necessarily in that order).

One little gadget I find very useful is a Fuel Jiggler. What is that you say? A picture is worth a thousand words...



This device is basically a siphon with a brass end which houses a glass ball and a spring. The brass end is inserted in the fuel tank to be transferred, and vertically jiggled so that it primes itself in a few seconds. Fuel empties out via this 1/2" hose quite rapidly, actually faster than the fuel can spouts. It can be used for water, kerosene, gasoline and non corrosive liquids.



The only local place (that I know of) that has them is Princess Auto. <http://www.princessauto.com/pal/en/Suction/Brass-Jiggler-Siphon/2460065.p>

I bought mine for \$9, though they do come on sale from time to time with about a 30% discount. This is definitely a must-have for the tool aficionado.

Digital Canada VNC and VTA charts

Yes, finally! Digital charts have come to Canada. Nav Canada released the digital format to their supplier earlier this year, and Foreflight has released their implementation on the iPad this month. You will need a Canada subscription (\$150/yr), which also includes the IFR charts that are presently offered. If you are already subscribed to the Foreflight Canadian IFR charts, you only need to update your iDevice software.

<http://blog.foreflight.com/2011/08/03/foreflight-expands-ifr-coverage-to-canada/>

All that is left for a paperless cockpit is for the CFS (flight supplement) to be released as well. Hopefully this is coming soon.

For backup, Foreflight offers to run your account on another iDevice from Apple for free.

We flew to Kingston on Saturday with it on a 1st generation iPad. Very nice!

No news on other providers regarding digital Canadian charts for other platforms.

That's it for now.

Tailwinds (and fair weather)

That's it for this month. Tailwinds to you.

Alfio

A Canuck at Canada Day by Ken Potter

As part of the EAA Chapter 245 representation at the Canadian Aviation and Space Museum on Canada Day, I took Delta Papa Zulu over to Rockcliffe to display. The day however had an auspicious start. Arriving at CYRP I realized that I should fuel up before leaving. I saddled up and taxied down to the pumps only to discover that they were (once again) out of service. I called the 800 number on the pump, only to be told that no one was around to fix it. Grrrrrrrrrr. So, back to the hangar it was to “borrow” 3 gallons of fuel from John Montgomery’s stash in our hangar. More on fuel to come later.....

The flight over to Rockcliffe was uneventful and the welcome warm at the flying club with breakfast ready and several EAA 245 members already chowing down. After food and coffee, and putting up a poster for our EAA 245 Fly-in up in the club lounge I fired up DPZ’s mighty C-85 and taxied over to the Museum. The place was swarming with Vintage Wings aircraft marshallers who quickly had me parked.

I had just got out of the plane when an older gentleman approached me. He explained that he had learned to fly in a Fleet Canuck 60 years ago and we had a great conversation about the Canuck. Turns out he was Roger Hadfield, the father of Canadian astronaut Col Chris Hadfield....How cool is that. As soon as I got home I read through DPZs logs from the 40’s and 50’s to see if Roger Hadfield had had flown her, but alas, it was not so.



Literally hundreds of kids sat in Delta Papa Zulu today and worked the stick to see how the control surfaces worked. The kids beamed with pleasure and so did their parents. At one point, with a lineup of kids there, Mrs. Eleanor Hadfield (Col Hadfield's mother) came to visit, and expressed her pleasure that kids were being given this chance to see an airplane up close..... As I told her, if even one of these kids learns to fly, my day has been successful.

And all this while surrounded by a Supermarine Spitfire, a Hawker Hurricane, a Hawker Hind, a Fleet Finch, a North American Harvard, two de Havilland aircraft, a Chipmunk and a Tiger Moth, a P3 Orion, a DC-3 Dakota and a really cool replica Hucks starter built by Rodger Hadfield for the Canadian Warplane Heritage Museum in Hamilton.

I took a couple of breaks to check on the EAA 245 wing rib workshop. They were swamped!!!! And throughout the day there were

several kids visiting the Canuck who had newly built wing ribs with them. To let them see the “big picture” I opened up an inspection port in DPZ’s wing to show them see how the ribs looked in a complete plane.

Anyways, a long but fun day. After waiting in line for the entire Yellow Wings flight to be marshalled out I taxied back over to the Flying Club for fuel. I didn’t really take notice of the price until after I’d filled up; GULP.... \$ 2.02 a gallon for 100 LL. Alfio fueled his RV soon after me with much more fuel than I had taken. Double GULP for him. Oh well. As my dad used to say “sometimes you get the bear, and sometimes the bear gets you”. The flight back to CYRP was through the beginning of the forest fire smoke that Ottawa was to suffer through for the next 3 days and the horizontal visibility was beginning to degrade.

Ken Potter

Another Success - EAA245 Young Eagle Day – June 15, 2013

by Alfio Ferrara

Another Success - EAA245 Young Eagle Day – June 15, 2013

On Saturday June 15, EAA Chapter 245 flew 47 Young Eagles. We had good weather, though somewhat bumpy, and we started flying right after the chapter meeting which concluded at lunch.

We started by contacting a local newspaper to get the word out. Matt Pearson and I flew to Arnprior and after an interview with the reporter, Matt gave her a flying tour of Arnprior in his Vans RV-7A.

Here is a link to the write-up for her flight:

<http://www.emckanata.net/20130613/News/Children+taking+to+the+sky+over+Carp%2C+Young+Eagles+Rally+invites+youths+to+fly+from+Carp+Airport>

The above column appeared in the Arnprior, Carp, Stittsville, and Kanata EMC papers.

We have posted photos on the EAA245 Facebook page: https://www.facebook.com/media/set/?set=a.479683042108919.1073741827.156247441119149&type=1&ref=notif¬if_t=like

No small effort was required to run the show, as the list of volunteers below demonstrates. Thank you all for contributing to a wonderful day.

Alfio



Pilots and Planes
Matt Pearson: Vans RV-7A
Ken Potter: Fleet Canuck
Mark Briggs: Grumman AA5A Cheetah (thanks to Rod Neufeld)
Andre Durocher: DHC-2 Beaver
Tony Hunt: Socata Trinidad
Alfio Ferrara: Vans RV-9A
Bill Reed: Vans RV-8A



EAA245 Young Eagle Day

Continued from the previous page

Registration/Coordination/Aircraft traffic control/marshalls

Shirley Mackey: Registration (Pilots and YE)
Judy Potter: Registration (Pilots and YE)
Josee Guillemette: Registration (Pilots and YE)
Lars Eif: YE co-coordinator (Alfio's representative on the ground)
Madison Trupin: food distribution (canteen)
Cary Beazley: Young Eagle escort to the planes
Curtis Hillier: Young Eagle escort to the planes
Martin Poettcker: Young Eagle escort to the planes
Vic Thompson: Young Eagle escort to the planes
Brent Phillion: Young Eagle escort to the planes



Static Display and ground instruction

Bo Turpin: YE ground instruction / static display
Russ Holmes: ground instruction / static display of model planes
John Montgomery: ground instruction / aircraft sub-assemblies and construction
Colin Montgomery: ground instruction / aircraft sub-assemblies and construction
Scott McGeachy: ground instruction / aircraft sub-assemblies and construction
Patrick Philipson: ground instruction / aircraft sub-assemblies and construction

EAA Chapter Grass Cutting

Hello everyone, it seems with the rainy days we have had, the grass around the chapter hangar has gotten the best of us. No one has had enough time to cut all of the grass in one day or a few close days so we have multiple layers of grass.

Also the number of cuts we have been able to do with our current volunteers has been quite minimal and that results in very long grass that leaves heavy clumps of cuttings which in turn rot the grass underneath (until the next cutting).

As you all know our open house is on August 11, 2013 and we would love to have the grounds looking neat and tidy and void of large clumps of cuttings and dead areas of underlying grass. If anyone can volunteer a few hours to sit on the tractor and cut grass we sure would appreciate it.

A few things to remember: the keys are locked in the labeled drawer in the workshop, and please do not leave the keys in the tractor. We have had a few instances this year when the power has been left on and the battery fully drained. This usually means the battery does not recover and we must buy another battery. If the tractor has been left on and the battery is dead you can start it by using the portable jump-start power unit also in the workshop.

Thanks in advance to all of our grass cutting volunteers!

Curtis Hillier

Fly-Out Possibilities

Most Items Taken from the COPA Website

July 21, Iroquois, ON (CNP7):
The Iroquois Flying Club's 47th Annual Fly-In Breakfast beside the beautiful St. Lawrence 8:00 a.m. to 11:30 a.m. For more information, please phone 613-657-1646 and on July 15 call 613- 249-0023.

July 27-28, Kapuskasing, ON (YYU): COPA Flight 120 Annual Fly In Lumberjack Festival. For more information, please phone 705-335-6382 or bob-pat@ntl.sympatico.ca

August 11, Carp ON (CYRP):
Carp EAA Chapter 245 Fly-in and Open House from 07:30 – 17:00. Food available all day. Co-ordinates for this event is off Taxiway Bravo 45 19 09 N 76 01 20 W. For more information, please contact Ken Potter at 613-259-3242 or kjpotter@sympatico.ca

August 11, Hawkesbury, ON (PG5): COPA Flight 131, Annual Fly-In Corn Roast and BBQ from 11:00 a.m. to 1:00 p.m. Fly in or drive in, rain or shine! Everyone welcome. 3435 County Road 17. For more information, please visit our web site HawkesburyFlyingClub.ca for more information.

17 août, l'Île Patry, QC : Fly-In, de 09:00 à 16:00 hr. Hydravions et hélicos seulement sur la rivière Gatineau à. Environ 6 milles au sud de l'aéroport de Maniwaki ou 1.75 mille au sud de Bouchette. N 46 10.411, W 75 57.302. Fréquence: 123.2. Diner gratuit pour les pilotes. Pour plus d'information, s.v.p. veuillez contacter Bernie

Gougeona 613-447-0092, bernieavion2007@hotmail.com ou André Durocher 819-329-2830, info@PontiacAirpark.com

August 18, Buttonville/Toronto, ON: 4th Annual Rally for the Cure. The Ewing's Cancer Foundation of Canada, co-organized by COPA Flight 44 a Car Rally and Aircraft Rally. Treasure hunt theme, followed by M&M's BBQ lunch, silent auction & entertainment featuring the Emma Street Band at Toronto Buttonville Municipal Airport Hangar 17A. Frank Ferragine from Citytv, Breakfast Television will emcee the event! For more information, please visit our website at <http://www.rallyforthecure.ca/> See interview on Rogers Daytime Show click on link <http://www.rogerstv.com/page.aspx?lid=237&rid=17&sid=2325&gid=114395>

August 23-25, Kingston, ON (CCE6): COPA Flight 109, Kingston Ultralight Club's annual Fly-In & Camp over. Show up Friday night for a corn roast and stay weekend. Canteen available most of Saturday along with a hot dinner at 4:00 p.m. Co-ordinates for the event are N44 19 33 W76 47 33. For more information, please contact Art Ottenhof at 613-386-1971 or barbottenhof2hotmail.com

August 25, Embrun, ON (CPR2): COPA Flight 132 Annual Fly-in Breakfast. Fly-in, drive-in rain or shine. Co-ordinates for this event are N45 14 28 W75 17 55. For more information, please contact Henri Monnin at 613-764-0756 or hmonnin2000@yahoo.com

September 7, Kingston, ON: Kingston Flying Club, The Mother of all Flour Bombing Competition. Did you miss last year's? Do not miss this year's competition! Join the "best of the best" and show 'em what you got. Out of province and country aircraft are welcome to compete. Rain date 8 September. kingstonflyingclub@kingstonflyingclub.com

September 8, Oshawa, ON: Hawkfield Barnyard Fly-In, this is a RAA sanctioned event put on by the Oshawa chapter, come out and enjoy with us the biggest and friendliest gathering of pilots and aviation enthusiasts in the Oshawa area. Join our friends and families to celebrate our 18th annual Hawkfield barnyard fly-in, all types of aircraft included. Hawkfield is a very well kept 3,300ft grass situated just outside of Orono, ON, privately owned by Hanu and Karen Halminen. Co-ordinates are N 44 00 W 78 39. For more information, please contact James Morrison at 905-434-5638 or jamesmorrison190@msn.com

Fly-Out Possibilities - continued

September 8, Brockville, ON (CNL3): Copa Flight 111, Brockville Thousand Islands Tackaberry Regional (N44 38 22 W75 45 01). Old fashion Fly-In Breakfast from 8:00 a.m. until 11:00 a.m. while supplies last. [Print poster](#). For airport information, or CFS 613-342-4511. Brockville Flying Club 613-342-4100 for event information
brockvilleflyingclub.info

September 14-15, Gatineau, Quebec (CYND): Wings Over Gatineau-Ottawa en Vol 2013 presented by Vintage Wings of Canada takes place at the Gatineau-Ottawa Executive Airport. Free admission for all our fly-in visitors. Please see the air show website: www.wingsovergatineauottawa.ca for the newly revised and simplified arrival procedures. Sunrise to 8:30 a.m. no transponder required. 8:30 a.m. - 10:30 a.m. transponder required. The event features breathtaking aerial demonstrations by legendary

Second World War aircraft such as the Spitfire, the Corsair, and many other beautifully-restored vintage aircraft from Canada and the United States.

For Sale or Rent

Place your ads by phone with Yvon Mayo 613-830-1935 or e-mail to yvonmayo@rogers.com or eea245@gmail.com. The deadline is two weeks before the next meeting. The ads will run for three months. You may request a two-month extension. Please let me know if any of the articles have been sold.

FOR SALE

RV9/9A project for sale. Tail and wing kit complete with extras. Tail done with MDRA inspection and sign off. Wing kit - right wing to quickbuild stage, left wing still in clecos. All small parts sorted in labeled bins included. All logs, docs and plans included. Pics avail. \$6,000. email holbrog at gmail.com or phone Greg Holbrook at 613-487-2374.

FOR SALE

The Canuck Group at EAA 245 in Carp has **shares in the 1946 Fleet Canuck CF-DPZ** for sale. The aircraft has 1250 hrs TTSN engine and airframe since being built in 1946 and has always been hangered. Price, \$ 6,800 per 1/5th share. Own a Canadian classic. Please call Ken Potter at 613 259-3242 or email at: kjpotter@sympatico.ca

FOR SALE

Bilmar 2003 **Amphib floats** 1850 kevlar, fiberglass composite with rigging, electric hydraulic, hatches, rigging, dual water rudders, emergency back up pump.
Must sell, Contact Paul Sicard
Tel: 613-487-2614
Cell: 613-884-9575
lise.sicard@xplornet.com

FOR SALE

1986 Rutan LONG EZ FOR SALE: \$36,000
470 Hrs airframe. Engine: Lycoming 0-235 L2C
2430 hrs TT.(with original logs). 5.0 hrs since Top overhaul & other new parts: Impulse Mag , Vacuum pump, Starter & alternator. Avionics: Xpndr Collins TDR-950, Garmin 296 GPS, Kannad 406-AF ELT, ICOM A5 Radio, Flightcom 403mc Intercom.
Hangered at CYRP. Extra prop (Silver Bullet). Andrew 613-836-3968, cell 613-295 7451 andrewr@magma.ca Currently in flying condition. Last annual Nov 2011. For specs see http://en.wikipedia.org/wiki/Rutan_Long-EZ

Experimental Aircraft Association Chapter 245 Ottawa. We are a group of Amateur Aircraft Builders, Owners, and Enthusiasts with a hangar, lounge and workshop facility located@the Carp Airport, just west of Ottawa.

President:	Cary Beazley	613-226-4028	cbeazley@innovista.net
Vice President:	Phillip Johnson	613-253-2229	vice.president@eaa245.org
Treasurer:	Curtis Hillier	613-831-6352	echillier@yahoo.ca
Secretary:	<i>Position Vacant</i>		
Operations:	Ken Potter	613-259-3242	kjpotter@sympatico.ca
Membership Coordinator:	Alfio Ferrara	613-836-8285	membership@eaa245.org
Webmaster:	Russell Holmes	613-226-8273	billy.bishop@sympatico.ca
Newsletter Editor:	Yvon Mayo	613-830-1935	eaa245@gmail.com or yvonmayo@rogers.com
Technical Information Officer:	<i>Position Vacant</i>		
Young Eagles Coordinator:	Alfio Ferrara	613-836-8285	longeron@gmail.com
Chapter Historian:	Wayne Griese	613-256-5439	wayner@igs.net
Carp Airport Liaison:	Martin Poettcker	613-832-1210	Martin.Poettcker@marpoe.ca
Hangar Group Liaison:	Bill Reed	613-831-8762	Bill@ncf.ca
EAA 245 Website:	http://eaa245.org/	and	http://www.245.eaachapter.org/



**Experimental Aircraft Association
Chapter 245**

Make cheque payable to:
EAA Chapter 245 (Ottawa)
P.O. Box 24149
300 Eagleson Road
Kanata, Ontario,
Canada, K2M 2C3

Membership Application

New: ___ Renewal: ___
Date: _____

Name: _____
Address: _____
City/Town: _____
Prov: _____ PC: _____
Phone: (____) _____ - _____ H(____) _____ - _____ W
Email: _____
Newsletter Distribution Preference:
Email ___ or Canada Post ___
Aircraft & Registration: _____

Aviation Affiliations:
EAA Number _____ EXP Date: ___ / ___ / ___
COPA: _____ RAA: _____ UPAC: _____
OTHER: _____

Annual Dues: January 1st to December 31st.
(prorated after March 31st for new members / subscribers).

Newsletter Subscriber: ___ \$35.00
Newsletter only

Associate Member: ___ \$35.00*
Newsletter plus Chapter facilities

Full Member: ___ \$70.00*
Newsletter, hangar, workshop, tiedowns.
(Note: there is a one time \$200 initiation fee when you become a Full Member)

*Note Associate and full members must also be members of EAA's parent body in Oshkosh WI, USA