



# Carb Heat

Hot Air and Flying Rumours

EAA 245 NEWSLETTER Vol 39 No. 04



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Kanata, Ontario, Canada, K2M 2C3

## Next Meeting:

# National Aviation Museum - Bush Theatre

Thursday April 16<sup>th</sup> at 8:00 PM

## Trip around the Great lakes in a Challenger II

By Claude Roy

### March 2009

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<http://eaa245.dhs.org/>

**President's Message**



I will be fortunate enough to attend Sun'n Fun in Lakeland, Florida this year and will be leaving a few days early, so unfortunately will miss our regular meeting and Claude Roy's presentation. Russ Robinson has agreed to chair the meeting in my absence.

**March Meeting**

At our March meeting Andrew McKenzie of Nav Canada told us all about the current airspace in the Ottawa area and noted some of the things the NavCan has done to improve some of the inconsistencies and errors in the current documentation. As part of his presentation, he showed us the airspace as an overlay in Google Earth, which illustrated very well the boundaries in relation to the surrounding airports.

Subsequent to his presentation, Marcel Pinon of NavCan forwarded the Google Earth files so that we can use the overlays ourselves. We will

make these overlays available on our webpage so that all of our members can use them.

**Thanks to Ken McKenzie for keeping us in Goodies**

Ken McKenzie has informed us that he will no longer be able to provide the re-stocking services for our goodie bins in the Carp Hanger. Ken along with his wife Trish have been providing drinks and snacks for as long as I have been a chapter member I would like to take this opportunity to thank Ken and Trish for bringing out all those goodies, many of which I consumed myself.

For the time being, the executive has been re-stocking the lounge and will continue to do so for the indefinite future.

**Hanger Access**

We have had no more news on changes to our hanger access at Carp. The access road is still open and in fact has been freshly gravelled by the airport

management. I will keep you informed as I get new information.

**Breakfast at CYRP**

We continue to have potluck breakfasts at our Carp hanger. If you want to talk aviation and have a bite with your aviation buddies come on out on Sunday morning. There is always someone there by 10:00AM, and there are lots of materials on hand – toast, waffles, sticky buns, sometimes crepes, cinnamon buns and even omelettes on occasion.

**Upcoming Meetings**

At our April meeting Claude Roy will be talking about his trip around the Great Lakes in his Challenger ultralight.

The next regular meeting will be held at 8:00PM on

Thursday, April 16<sup>th</sup> in the Bush Theatre at the Canada Aviation Museum

16 April 2009	Claude Roy – Trip around the Great Lakes in a Challenger II
21 May 2009	Building and Testing an RV-9A by Alfio Ferrara
20 June 2009	Awards Presentation and BBQ at EAA Lounge CYRP, 10:00 AM Start

Hoping you can attend the April meeting, and as always-

Blue Skies,  
Martin

Local News

EXHAUST – from the Carb Heat Archives 20 YEARS AGO April 1989

At the April of 1989 two volunteers guides gave EAA Chapter 245 chapter members a gift of three unforgettable hours touring the National Aviation Museum, entertaining the attendees with a fascinating string of facts and anecdotes that only lifelong aviators and

aircraft builders could have gathered and appreciated.

An explanation of how to make an Aeroquip Hose Assembly Tool, complete with illustrations, was appreciated by at least one individual who apparently experienced the

result of improper hose assembly .

You can read more in the EAA Chapter 245 Carb Heat Archives now on the computer in the lounge at Carp.

**Old Carb Heat Newsletters Wanted**

Fill in the blanks for EAA Chapter 245 Archives

Year\Month	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
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Note: Scanned copies of 25 years of Carb Heat, from 1984 to 2008, are on the Chapter's computer for you to view or copy. If you can provide a copy of the missing issues contact Wayne Griese. Thanks for your support. *Wayne can be contacted via email at wayner at igs dot net. Or by phone at 613-256-5439*

**The Fireside Workshop DVD Series - 2009**

EAA Chapter 245 Lounge Carp Airport **Everyone Welcome**

The Fireside workshops/seminars are

complete for another year. If you have any ideas for future

sessions please contact the exec or Wayne Griese..

## Local (Carp) OAS Flight training

Ottawa Aviation Services (OAS) is opening a Satellite operation at the Carp Airport beginning the first weekend in April, operating initially 4 days per week: Thursday through to Sunday. The operation will be located at the 'Roots Hanger' using the office in the hanger to provide both instruction, and administration.

We will be operating two aircraft initially: a Diamond Katana DA-20A1 and a Cessna C-172M. The Katana will be available on Friday and Saturday while the Cessna will be available on Thursday and

Sunday. Unfortunately, the Cessna has a previous engagement this Thursday April 2, but will be available Sunday April 5 and is reserved for Carp on Thursdays and Sundays going forward.

We do not have an online booking system at this time so all booking will be done through OAS by calling 613-737-2933.

As you start flying at Carp, you will be asked to start a file with OAS. We will have the files on hand at CARP and will assist you in completing the forms.

If you have any questions, thoughts or suggestions, please do not hesitate to call either myself, Jodi or Mark. We are working to make sure you have a good flying experience at Carp.

**Steve Highstead**  
**General Manager**  
**Ottawa Aviation Services**  
**220 Hunt Club Road**  
**Ottawa, ON**  
**K1V 1C1**

Office: 613-737-2933  
 Fax: 613-737-0253  
 Email: [gm@oasfc.com](mailto:gm@oasfc.com)  
 Web: [www.oasfc.com](http://www.oasfc.com)

### Feature Article

#### Delivering Bill's Pegazair to Remouski By Don Taylor

It was a clear cold morning, Friday the 13<sup>th</sup> of March to be exact, and finally it seemed the planets were aligned for the delivery of Bill Argue's pride and joy Pegazair to its new owner in Rimouski.

Bill had made the deal last December and, though the new owner was keen to have the plane home for Christmas, he was not able to take it with him because he had no tail-dragger experience. I agreed to make the delivery (always glad to fly when somebody else is buying the gas) but was unsure of when it would happen because:

1. It had to be good weather all the way;
2. I had to be able to get off work; and

3. The temperature had to be no colder than -10C.

The third requirement is because one of the design features of Bill's airplane is no cabin heat!



Photo 1 Getting Ready

We were definitely violating rule #3 that Friday morning at -17C but the forecast looked so good that it was obviously the day to go. Bills strip had been muddy but a couple of days of frigid temperatures had taken care of that.

Bill's wife Kathleen donated a hair dryer to the cause. Thanks to the "Hair-Dryer-Herman-Nelson" the engine of C-GFFD was toasty warm and fired up without hesitation, despite the

cold.



Photo 2 The carb heat - Hair-Dryer-Herman-Nelson

This was my first time ever in a plane with skis so even though I was planning all operations from more or less bare & dry strips, I was mildly curious about the effect the skis would have on the ground handling and flying trim of the aircraft. "Don't worry about it" everyone said, and they were right. As I lifted off from Diamondview International, the plane performed and handled exactly as usual. It was a westbound takeoff into the wind which would speed me all the way to Rimouski. A 180 after departure for a final flypast for the Argues and I was on my way.

The boys at Quebec FIC were justifiably optimistic about the weather for the flight. The only possible snag was the chance of moderate low level turbulence due to the strong west wind. One thing was sure: it would be a fast ride with 20 to 25 knot tailwinds all the way.

I had planned the trip with stops at Trois-Rivières and Rivière-du-Loup. The first leg over the Laurentians was a piece of cake. I was a bit concerned about the cold in a plane with no cabin heat, but the late-winter sun beating down through that skylight and my trusty parka kept me comfortable all the way. My water bottle on the seat beside me however froze solid!

It seemed like no time before the ski hills of the Laurentians were left behind, the broad St Lawrence valley spread out before me and Trois-Rivières Unicom came to life. Bill's plane has an altimeter with a millibar sub-scale and somehow I had lost track of the conversion chart, so while I did fly a circuit, I can't guarantee it was at circuit altitude. My first landing on wheel-skis was uneventful.



Photo 3 Trois Rivières - terminal in the background

On the ground at Trois-Rivières I was pleasantly welcomed by all concerned. I got the Pegazair filled up with the 42 litres of gas we had burned between Carp and there and went into their very comfortable airport restaurant for some good Quebecois pea soup.

Now, Bill had told me that First Air was doing maintenance there and I had seen their 727 and a Hawker 748 aircraft there when I landed. Turns out, Bill's son Fred (First Air Flight Engineer) was there that same day but unfortunately, we didn't cross paths.



Photo 4 Trois-Rivières

After takeoff from Trois-Rivières I headed across the river to follow the south shore eastbound. I was surprised to see freight boats plying the river. I didn't know they kept it open all winter this far inland.



Photo 5 Quebec City

A direct route would take me right over Quebec City. My next challenge was to see how close to Quebec City I could get without a transponder. According to my calculations I could skirt the 7 nm control zone just under 1400 ASL and be legal. The controllers were friendly and helpful, so I guess I was OK.

Cruising down the river I just had to take a picture of the GPS which was reading 108 kts.



Photo 6 108 kts!

Those of you who know the Pegazair will understand when I say that's the first time I've seen anything close to that groundspeed in that airplane. The beautiful St. Lawrence farmland was slipping by so fast I decided to skip the stop at Rivière-du-Loup and in no time Rimouski was in sight. The folks at Mont-Joli FSS (12 miles

to the east) provide the airport advisory for Rimouski.



Photo 7 Approaching Rimouski

The surface wind was still gusting over 20 kts, but was right down Runway 25. As I touched down, I noticed the big door on the huge military hanger slowly opening. I taxied in and a group of about 8 happy people came out to greet me, including GFFD's new owner, Gérard Morneau. Two of them steadied the wings against the wind and walked me right into the big hanger.

They treated me like royalty in Rimouski that day, but Bill Argue was the real hero. The more they looked at GFFD, the more they praised Bill for his

skill and workmanship in the building of that Pegazair. Bill's plane has found a good home.



Photo 8 Handoff of the keys to the happy new owner Gérard Morneau

They know Pegazairs in Rimouski and they are skilled builders and pilots. There was no bad luck for anyone that Friday the 13<sup>th</sup>!

My only question is: What's your next project Bill?

**Excerpt from COPA Flight 8 minutes by Mike Shaw**

The border is getting to be a pain with the added requirement to electronically report your manifest both before entering AND before leaving the USA. This will become Mandatory in mid-May this year. You can register via the Internet with the US border folks and keep some information on file so you don't have to enter it more than once. The website at which you register is <https://eapis.cbp.dhs.gov/>. For the actual rules check at <http://edocket.access.gpo.gov/2008/E8-26621.htm>.

[8/E8-26621.htm](https://eapis.cbp.dhs.gov/). Also, you could contact John Quarterman, formerly of COPA, who has stayed on top of the cross border requirements even after leaving COPA. John is at [johnqpublic@rogers.com](mailto:johnqpublic@rogers.com). I suspect he is the best informed Canadian on US requirements. John wrote about the new manifest requirement in COPA Flight and the story is at [http://www.copanational.org/non-members/body\\_files/Electronic%20Manifest%20Eng.htm](http://www.copanational.org/non-members/body_files/Electronic%20Manifest%20Eng.htm).

Last night Al Hepburn did a great job on the topic from a practical point of view, while ignoring the details. He used the system in January flying to Saranac Lake and found that the US border folks have limited understanding of their own process, at least at that time. It was voluntary in January, but will be mandatory in May.

*Editors note: Membership in COPA flight 8 is free to all COPA members. The meetings*

are usually held at the Ottawa Flying Club lounge (CYOW north field) at 8:00 PM on the

4<sup>th</sup> Wednesday of the month. Contact Michael Shaw at [airmail@rogers.com](mailto:airmail@rogers.com) if you

would like to attend the meetings and/or be put on the COPA Flight 8 mailing list.

**Mark your Calendars:**

Some items have been copied from the COPA Flight and the EAA website

**APRIL**

**April 14th, Haliburton/Stanhope (CND4), ON:** Our annual Safety Seminar will feature special guest Lynne McMullen of Seneca College. Lynne will cover timely safety items and go over the currency review topics. Stanhope Fire Fighters' Hall at 7 p.m. Cost is \$5. Call John Packer at 705-754-2611.

**April 21 - 26, 2009 KLAL FL.** Annual Sun n Fun Airshow at Lakeland Florida for more information connect to <http://www.sun-n-fun.org/>

**Friday, April 24th** Dave's 10th annual Sun n Fun BBQ is slated for Friday, April 24th For info email [dstroud@storm.ca](mailto:dstroud@storm.ca)

**April 25th, Lachute, QC (CSE4):** Salon de l'Aviation Virtuelle du Quebec - Show features simulator exhibits with Red Bull race demos, air-controlled flights, simulated forest fire bombings, dogfights along with conferences on various sim topics. Radio-controlled Model Aircraft demo flights. Fly-in and Drive-in Breakfast served in morning. Located at the Lachute Airport. For more information please see our website [www.salonaviationvirtuellequebec.org](http://www.salonaviationvirtuellequebec.org)

**MAY**

**May 2nd - 3rd, Haliburton/Stanhope (CND4), ON:** Pancake breakfast/brunch/lunch. Start the summer flying season with a trip to one of Ontario's prettiest airports. Call John Packer at 705-754-2611. Visit our website for information and current weather

[www.stanhopeairport.com](http://www.stanhopeairport.com) or email [airport@halhinet.on.ca](mailto:airport@halhinet.on.ca).

**May 2-3rd, Hamilton (CYHM), ON: Canadian Aviation Expo** [www.canadianaviationexpo.com](http://www.canadianaviationexpo.com), hosted by the Canadian Warplane Heritage Museum [www.warplane.com](http://www.warplane.com). Indoor trade show, static display, seminars. Landing fees waived for the show. COPA is a major sponsor and will have a booth there. Further information [info@canadianaviationexpo.com](mailto:info@canadianaviationexpo.com) 866-309-9537.

**May 10th, Brockville, ON (CNL3):** Brockville Flying Club COPA Flight 111, 2nd Annual Mothers Day. All you can eat pancake breakfast. Featuring local maple syrup, while it lasts. From 8 a.m. to 11 a.m.. For more information please contact Byron Boone 613-345-3788 or email [bboone@ripnet.com](mailto:bboone@ripnet.com).

**May 16th, Stayner, ON:** Pre-Season Fly-In. Come celebrate and kick off the start of the flying season. Fly-in or drive-in for a BBQ, kids activities, giveaways and draws. Doors open at 9 a.m. Rain date is May 17. For more information, visit our website at [www.edenflight.com](http://www.edenflight.com) or contact Bill Crampton or Julie Thurgood at 705-428-3112 or email [julie.thurgood@edenflight.com](mailto:julie.thurgood@edenflight.com).

**May 23rd, Oshawa, ON:** 99s Poker Run. Main terminal. Terminus Oshawa. Participating airports-Burlington, Brampton, Buttonville, Collingwood, Lindsay, Peterborough, Toronto City Centre, Simcoe Regional. Lots of prizes. Everyone welcome! May 24th rain date. For more information please contact Suzanne 519-758 5672 cell

5672 Akky 416-488-5664 or email [s.wiltshire@rogers.com](mailto:s.wiltshire@rogers.com), [akkymansikka@hotmail.com](mailto:akkymansikka@hotmail.com).

**May 30th, Westport, ON, (CRL2):** Rideau Lakes Flying Club, Breakfast Fly / Splash in. Breakfast of ham, eggs and baked beans from 8:00 am till 1:00 pm. Transport from the Aerodrome / Waterfront / downtown is available. Located at N44 40.012, W076 23.799 using 123.2 for communication.

**JUNE**

**June 4th - 7th Interprovincial Air Tour (Ontario & Quebec):** This years tour starts with reception and Vintage Wings Museum tour at Gatineau (CYND). Other stops include Maniwaki (CYMW), Rouyn-Noranda (CYUY), Sudbury (CYSB) and Hanover (CPN4). Registration form and hotel information is available on APBQ website <http://apbq.com/> or [www.flyingnorthbay.ca](http://www.flyingnorthbay.ca) - click on "Bulletin Board" section. Further details can be obtained by calling Michael Dixon 819-684-4766 (French) or Carol Cooke at 705-752-2223 (English). To reserve a spot on the tour, call Carol or email [caron.cooke@sympatico.ca](mailto:caron.cooke@sympatico.ca).

**June 6<sup>th</sup>, Brantford, ON:** Grand Opening / Super Sale and Fly-In **Time:** 8am-5pm  
**Location:** Aviation Avenue on Brantford Municipal Airport. (Canada) 150 Aviation Ave., Brantford, ON N3T 5L7  
Tel: 519-759-5017  
Fax: 519-759-8964

Aircraft Spruce Canada will be hosting their official Grand Opening on Saturday June 6th from 8am-5pm

at 150 Aviation Avenue on Brantford Municipal Airport. Fly-in or drive-in for discounts, demonstrations, and an enjoyable day.

Aircraft Spruce will provide free hot dogs and beverages throughout the day to the attendees. Representatives from a number of leading aviation vendors, including a range of avionics items, will be on hand to demonstrate and discuss the benefits of their products. These representatives will include Aerospace Logic, Drager Safety, Icom Canada, Lamar Technologies, Plane Sights, Bose and more.

**June 7th, Smith Falls, ON (CYSH):** Fly-in breakfast from 7:30 a.m. to 11:30 a.m.. For more information please contact Phil Caiger-Watson (h) 613-737-3661 or (c) 613-769-0406.

**June 14th, St-Lazare, QC (CST3):** Centennial of Flight celebration at

St-Lazare airport. Fly in or drive in for breakfast and/or Lunch. For more information please contact Mike Boisvert 450-452-2018 or email [alternul@aol.com](mailto:alternul@aol.com).

**June 14th, Cobden, ON:** COPA Flight 124, Champlain Flying Club hosts their annual fly-in breakfast from 7:00 a.m. to 11:00 a.m. CPF4 in the Supp. For more information please contact Larry Buchanan at 613-638-2792 or email [lbuchan@nrtco.net](mailto:lbuchan@nrtco.net).

**June 20th, Smith Falls, ON (CYSH):** Chicken BBQ starts at 16:00 on. For more information please contact Phil Caiger-Watson (h) 613-737-3661 or (c) 613-769-0406.

**June 21st, Picton, ON (CNT7):** Prince Edward Flying Club and COPA Flight 53. Annual Father's Day Fly-in breakfast.0800 to 1130. Come and tour BCATP's most intact aerodrome. For further information

call 613-393-3152 or email [jtec@sympatico.ca](mailto:jtec@sympatico.ca). Unicom 123.2

**June 28th, Kars, ON (CPL3): RAA Ottawa / Rideau Chapter 4928** Sunday Fly In. Planned events: Homebuilt aircraft and model plane displays, Rideau Valley Soaring Club and vintage cars. Lunch and refreshments available. Located at the Kars / Rideau Valley Air Park co-ordinates (Latitude) N 45 06 (Longitude) W 75 38 Event. For more information please email Victor Thompson at [Thompson.VJ@forces.gc.ca](mailto:Thompson.VJ@forces.gc.ca).

**JULY**

**July 10-12th Geneseo, New York** tickets are still available for our Glenn Curtiss Museum and Geneseo Airshow Bus Tour on July 10-12th, For info contact [dstroud@xplornet.com](mailto:dstroud@xplornet.com).

**FOR SALE**

Place your ads by phone with Bill Reed 613-831-8762 or e-mail to [bill@ncf.ca](mailto:bill@ncf.ca)  
 Deadline is first of the month. 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.

<b>Wanted</b>	
I am looking for a basic 2 seat- prefer experimental if well built. Not interested in a project, it must be a proven flyer. Are any of your members looking to sell?	
03/09Contact Dave Smith Peterborough, Ont <a href="mailto:davecsmith2002@yahoo.com">&lt;davecsmith2002@yahoo.com&gt;</a>	

<b>For Sale</b>	<b>\$6,000.00</b>
Certified Rotax 912F 2000 hours on condition" program, without oil tanks or radiators A complete 50hr oil analysis history is available 10/08 Call Larry Loretto. at 613 675 2301	

<b>For Sale</b>	<b>\$5,500.00</b>
Certified Rotax 912F 2000 hours on condition" program, without oil tanks or radiators. This engine was showing a little metal, most likely gear box, normally this goes away after the next oil change, A complete 50hr oil analysis history is available . 10/08 Call Larry Loretto. at 613 675 2301	

<b>For Rent</b>	
Chapter 245 members can rent a tiedown near the EAA 245 hangar at Carp Airport. You can rent the tiedowns by the month or for the full year. 11/08 call Curtis Hillier 613 831-6352	

**Newsletter Deadlines**

Deadlines for articles and for sale/wanted ads will normally be 2 weeks before the next meeting.

A short example follows:

- Meeting date – 2009 Newsletter deadlines
- May 21<sup>st</sup> – May 7<sup>th</sup>
- June 20<sup>th</sup> (CYRP) – June 6<sup>th</sup> (At the Chapter hangar)
- July 18<sup>th</sup> (CYRP) – July 4<sup>th</sup> (At the Chapter hangar)
- August – no newsletter
- September 17<sup>th</sup> – September 3<sup>rd</sup>
- October 15<sup>th</sup> – October 1<sup>st</sup>
- November 19<sup>th</sup> – November 5<sup>th</sup>
- December – Jan (December shifted to January 2010)
- January 21<sup>st</sup> – Jan 7<sup>th</sup>
- February 18<sup>th</sup> – Feb 4<sup>th</sup>
- March 18<sup>th</sup> – Mar 4<sup>th</sup>
- April 15<sup>th</sup> – Apr 1<sup>st</sup>

**Time to renew your membership in EAA Chapter 245 Fill in the application form on page 12 and bring it to the meeting or mail it to the address on the front page of the newsletter.**



**EAA Chapter 245 Membership Application**

NEW: \_\_\_ RENEWAL: \_\_\_ DATE: \_\_\_/\_\_\_/\_\_\_

EAA NUMBER \_\_\_\_\_

EXP Date: \_\_\_/\_\_\_/\_\_\_

NAME: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

CITY/TOWN: \_\_\_\_\_

PROV: \_\_\_\_\_ .PC: \_\_\_\_\_

PHONE: (\_\_\_) \_\_\_ - \_\_\_ .H (\_\_\_) \_\_\_ - \_\_\_ .W

EMAIL: \_\_\_\_\_

N/L DISTRIBUTION Preference: email \_\_\_ post \_\_\_

AIRCRAFT & REGISTRATION:

**OTHER AVIATION AFFILIATIONS:**

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

Make cheque payable to:  
 EAA Chapter 245 (Ottawa)  
 Mail to - P.O. Box 24149, Hazeldean R.P.O., Kanata,  
 Ontario, K2M 2C3