



Carb Heat

Hot Air and Flying Rumours

EAA 245 NEWSLETTER Vol 37 No. 3

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March 2007

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Next Meeting:

National Aviation Museum

Thursday March 15th at 8:00 PM

2006 Challenger Adventures

by Claude Roy, Andre Girard, and Patrick Vinet

President:	Martin Poettcker	613-271-6113	poettcker at rogers dot com
Vice President:	Russ Robinson	613-831-2485	russ.robinson at sympatico dot ca
Treasurer:	Curtis Hillier	613-831-6352	the_hilliers at yahoo dot com
Secretary:	Phillip Johnson	613-253-2229	plmjohnson at storm dot ca
Operations:	Grant Este	613-832-1797	este at compmore dot net
Membership:	Cary Beazley	613-226-4028	cbeazley at Innovista dot net
Webmaster:	Russell Holmes	613-226-8273	billy.bishop at simpatico dot ca
Newsletter Editor:	Bill Reed	613-831-8762	bill at ncf dot ca
Technical Information Officer:	Nathan Aligizakis	613-730-1644	aligizn at yahoo dot com

EAA 245 Website:

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

President's Message

As is usual for this time of year, our weather has played havoc with flight and flying plans. The Air Cadet Fly Day was postponed due to bad weather, and the weather alternate day was no better. The Kars fly-in had lots of food, but only two planes due to snow squalls and winds.

On the other hand, there have been some nice clear, crisp days with lots of lift, so keep trying.

January Meeting Summary

At February's meeting Curtis Hillier gave us some pointers on how to make sure that annual inspection is carried out properly, and pointed out some of the maintenance tasks that can be carried out by the owner of a certified aircraft without the supervision of an AME. Thank you, Curtis, for a very pertinent and well presented talk.

Carp Airport Update

During the past month, the Chapter 245 executive drafted a letter to the city of Ottawa requesting assurance that EAA would not be required to fund any relocation expenses if the relocation of our chapter hanger was due to airport development that may occur after the transfer of ownership of the airport to West Capital Developments. Our request was

forwarded to the Real Estate department of the city of Ottawa.

Several of the executive members then met with John Phillips of West Capital Developments, and later with John Phillips of WCD and Dave Donaldson of the City of Ottawa to discuss our concerns and the prospects of finalising a lease between EAA Chapter 245 and the city of Ottawa for our continued use of our facilities at the Carp Airport. The meetings were very informative and it was apparent that both the city and WCD were well aware of our concerns due to the past discussions with Gary Palmer, George Elliott and Bill Reed, and due to additional efforts by Darin Graham and COPA to look for novel ways to resolve the issues.

As it stands, there are no immediate plans by WCD to implement changes to the airport that would require the EAA to relocate, although the means of access to our hanger will likely need to be changed. As a consequence, the city of Ottawa will be offering EAA Chapter 245 a 10 year lease, with option for an additional 10 years for the continued use of our existing facilities, including both the Chapter hanger and the row hanger. The concerns that EAA has had with the previous lease document will be addressed as clarifications or addendums to the document.

I will provide a verbal update of the lease situation at the start of this month's meeting on 15 March.

Builders Workshops.

The series of builders' workshops at the Chapter lounge has now been completed. Attendance at the workshops seemed to grow each week, to the point where at the last workshop on alternate engines, there was limited seating available, with some 18 attendees. I again wish to thank Wayne Griese for organising and running these workshops.

The last builder workshops were selected from a larger group of available topics, and Wayne has put together a follow up series on additional topics. The new workshop schedule and descriptions are listed later in this newsletter, so take a look and join us for the topics of interest to you.

Upcoming Meetings

At March's meeting Claude Roy and amigos will be on hand to recount stories of their 2006 Challenger adventures.

The meeting will start at 8:00PM at the National Aviation Museum, on Thursday, March 15th. Coffee and timbits will be on hand after the presentation.

15-Mar 2007	2006 Challenger Adventures - Claude Roy
19-Apr 2007	Vintage Wings of Canada – Tim Leslie
17-May 2007	TBA

Blue Skies, Martin

Aviation humour

From AVFlash Short Final 13.09a

Overheard in *IFR Magazine's* "On the Air"

Heard at Gainesville, Florida Airport:

Cessna: Gainesville tower, Cessna Three Four Five, seven west with Tango.

Tower: Cessna One Two Three Four Five, cleared to land Runway six.

Cessna: We'd prefer Runway one zero, we have some passengers to drop off at the terminal.

Tower: Cessna Three Four Five, you can't do that, you have to use the general aviation FBO.

Cessna: We called ahead and they said we could drop them off as long as we stayed clear of the gate.

Tower: I don't know who told you that, but I'll ask the airport manager.

Tower (a short time later): Cessna Three Four Five. I'm sorry, but you can't taxi to the terminal. However, if you'd like I can clear you for a low approach, and your passengers can jump out as you fly by.

Cessna: (Laughs) How about I just use Runway six?

Just a reminder

Chapter members gather for a regular weekend breakfast at the Kanata Restaurant and Pizzeria at 1027 Teron road in Kanata. If you type "1027 teron road kanata ontario" into google maps you will get a map of the location. Order time is 09:30.

Holidays will also be included. If for some reason this venue is closed (likely on holidays) the fall back location will be Rocking Johnny's 486 Hazeldean road. This is next to the intersection of Castlefrank and Hazeldean rd. on the south

west corner. Type in "486 hazeldean road kanata ontario" to get a map of the location

Cheers Grantley Este
Operations

The Chapter Executive is trying to collect more information on the history of the Chapter and is currently looking for any back issues of the Chapter newsletter that you might have stashed

Chapter History
away in binders, books, cupboards, book shelves, etc. If you have any past newsletter and would like to donate them to the Chapter archives, please bring them to the next

meeting (March 15). If you would like to loan them to the Chapter we will copy them and return them as quickly as possible. Thanks Russ Robinson - Vice President

Call for meeting topics and newsletter articles

We are looking for a reporter to let us know what is happening in the southern part of our region.

If you know of projects that are being built or trips that members have flown please contribute to our newsletter. We

have good representation from the West and the East but we can use more information from the North and the South.



This is a picture of the aircraft Tim Leslie flies for the Vintage wings of Canada. Come out to the April meeting and listen to Tim's interesting presentation. Tim Leslie is the Chief of Flying Operations at Vintage Wings. Some of you will have visited

their beautiful new hanger at Gatineau Airport and all of you have seen their outstanding aircraft in flight. Tim will be with us at our April 19th meeting to talk about Vintage Wings, what they have accomplished, what they are doing and what

they plan for the future. Be sure to come next month and talk to the man who flies those beautiful Mustang, Spitfire and Staggerwing aircraft.

The Fireside Workshops at the EAA 245 Hangar SERIES 2 - Spring 2007

March 18 Fabric Covering – Ray Stits ~ 2 hrs.

This 2 hour video presents every aspect of the Poly-Fiber fabric covering process in detail and in easy to understand language. From preparing the airplane for covering to spraying the colors, you are guided step by step through the entire process by a professional aircraft fabric instructor. Information covered includes:

- 1] preparing surfaces
- 2] attaching the fabric
- 3] tightening the fabric with an ordinary household iron
- 4] applying the first coat of Poly-Brush
- 5] tying and rib lacing knots
- 6] applying finishing tapes
- 7] spraying Poly-Spray UV block
- 8] applying color coats

March 25 Fibreglass 101 – Sam James ~ 2 hrs.

Cowling, wheel pants, gear leg fairings, canopy fairings, tail fairing, etc... This tape shows how to make the molds and forms and achieve a professional looking piece by a well known expert using an RV-4 as an example. The amount of good information presented makes it a favorite for the subject.

April 01 Composites: Basic ~ 70mins; Advanced ~ 90mins**Basic Composites:**

A demonstration of basic fiberglass techniques as applicable for aircraft. Discussions on materials include uni and bi-directional cloth, resins, flox, micro balloons, foam, core materials, peel ply, etc. Tool use covers brushes squeegies, knives, scales, pumps, hot wire tools, etc. Techniques demonstrated include basic sandwich techniques, corners, edges, and joints, hot wiring, etc. Also included is a basic discussion of setting up your lay-ups to conform to various load bearing areas.

Advanced Composites:

A demonstration of the use and procedures of working with modern high tech materials including carbon fiber, kevlar, e-glass, and s-glass, various types of resins and foams. The video starts with a description of the properties and uses of each material, and then demonstrates techniques and problems associated with each. Various types of sanding blocks are shown, along with other finishing techniques, and the construction and use of various size hotwire tools.

April 08 Easter Weekend - Holiday – No Workshop

April 15 Aircraft Painting – Sam James ~ 2hrs

An excellent 2 hour video in which Sam James takes you, in detail, through the finishing, priming, and painting of his RV-4 with the Dupont Veriprime and Chromabase systems. This video is not as slickly produced as some others, but the vast quantity of practical information it contains more than makes up for it. In it Sam takes you the complete process of working an RV fuel tank, wheel pant, and detailed design on a horizontal stabilizer. By the producer of Fiberglass 101.

April 22 Weight and Balance for your Homebuilt ~ 90 mins.

This DVD is specifically designed to teach the experimental aircraft homebuilder who is not comfortable with weight & balance concepts how to perform the required weight & balance calculations for their aircraft. It is a great refresher course for those who have previously worked with weight & balance as part of pilot training

It is made easy for you to understand the concepts required to perform your own weight and balance analysis on your aircraft and then document the findings for the inspection process.

Some of the highlights of this DVD include:

What weight & balance is and WHY it is so important

What the dangerous effects of overweight or out of balance conditions have on aircraft performance

How often do weight and balance calculations have to be performed

How to weigh your homebuilt aircraft

How to determine the center of gravity (CG) location on your homebuilt

What calculations and mathematical formulas are required

Demonstrations of weight & balance calculations for a typical homebuilt

How to understand and fill out weight & balance worksheets for your inspection process

Typical loading scenarios that your inspector wants to see documented

What documentation has to be carried in your aircraft at all times

Computer spreadsheet demonstration for 'what if' loading scenarios

Methods for calculating the adjustments of your load to achieve proper balance

Questions and answers from students regarding common weight & balance issues

And -- First Flight in Your Homebuilt – EAA ~ 23 mins

Learn the importance of careful planning, what to do to make a test flight go smoothly, and what to do if problems arise. The initial flights in any aircraft can be a challenging and rewarding experience - if the preparation has followed time-tested principles.

EAST END NEWS!

A number of hardy souls braved sub-zero weather during January for Sunday morning breakfasts at Bromont (7 aircraft), St. Hiacynth (7 aircraft) (The restaurant at the airport has reopened, and for those of you who appreciate the feminine form, it's worth a visit. The breakfast and company were good as well) and Cedars. A number of aircraft dropped into Montebello, landing on the ice, after Cedars, that would be Larry St. Cyr's Cherokee, Tom Smith's Pacer, Rob Walters' Maul (Gwen as co-pilot), Bernie L'Ecuyer's PA 12, Denis Charbonneau's RV-9 (Charlie as co-pilot).

Charlie and Gwen Martel are grounded for a wee while. Their Sportsman 2+2 is having elective surgery. Both wings are off and ready for recover plus some mods in the spirit of experimentalism. The Bearbook Buddies (Tom, Rolly, Bernie, Denis, etc.) were in the thick of it.

Henri Monen has found a home for his almost complete Rebel at Indian Creek (Martel Field)

Ron Johnstone's Christavia is down in Brockville waiting repair for a weird wiring problem. The Brockville folk have kindly provided inside accommodation for the repair.

COPA 132/Embrun Aero Club held a meeting on February 1st, some items discussed:

Possible trip to James Bay in mid August

Flight to Piper Memorial in late June

Oshkosh will see a fair number of East Enders this year. Reservations at the University already made.

There is also be a sortie down east (PEI) at some point over the summer.

The Embrun Aero Club Annual Fly-In Breakfast will be held on August 26, rain or shine.

Pictures from Montebello can be seen on line at the Association des Pilotes des Brosses du Quebec website <http://labrousse.org/fr/publications/archives/express/191.htm>

February remained active for the East Enders.

Feb 4, ceilings were pretty low east of Ottawa our destination was Constance Lake. Vis worsened so a mid air decision was made to divert to Brockville. On route we were pushed to the St. Lawrence/Iroquois. Within the zone at Brockville, we could see west of Ottawa looking pretty good, so diverted once again to Constance Lake for a successful landing on snow for wheels and skis.

Feb 10, Westport was good for wheels, as always the chili was yummy. Tom Smith, Rollie Acorn, JR Bergevin and Rob

Walters all flew in. Hope I didn't miss anyone as I wasn't there, darn it.

Feb 11, Mont Laurier, a great day for flying. I flew with Tom Smith this day in his Piper Pacer. We are a really good turnout for 7 aircraft.

Feb 24, Maurice Prudhomme hosted 55?+ aircraft, once again the East Enders were out in major force. The chili was devine and the luck of the Irish was with us as we came away with some nice items. Thanks Maurice. I wasn't there, serving Gramma duty.

Feb. 25, Brockville puts on a great breakfast, I'm sure they wondered why the East Enders were there, contrary to the norm, the weather was severe clear.

Feb 28, Ron Johnstone flew his Christavia home to Indian Creek from Brockville. Everything working as it should.

February was also productive at Indian Creek, Charlie Martel's wings are making steady progress with lots of help from Denis Charbonneau, Henry Monen, Rollie Acorn, Ron MacNamara, Lindsay Lefaive. I keep the coffee flowing. The flap and aileron surfaces are ready for cover.

Over and out

Your peripatetic reporter

Gwen Martel

Mark your Calendars:

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

March 10, Gatineau, QC: Fly-in breakfast taking place 15 miles from the Maniwaki Airport (46 02 98 - 75 55 17). On the menu: tourtiere from Lac St-Jean, QC, brown beans, salads. Overnight stay available with reservation. Maintained runway for planes on wheels. For more information contact Carole Boily or Marie at 1-866-463-2531 or on cell at 1-819-334-2531.

10 mars, Gatineau, QC: Déjeuner "fly-in" à 15 miles de l'aéroport de Maniwaki (46 02 98 - 75 55 17). Au menu, tourtière du Lac St-Jean, fèves au lard et salades. Possibilité de coucher, avec réservations. Piste aménager pour avions sur roues. Pour plus d'information communiquez avec Carole Boily ou Marie au 1-866-463-2531 ou 1-819-334-2531.

March 10, Carp, ON: Open House for Carp Flying Academy at the Carp Airport from 1 p.m. to 5 p.m. The Open House will showcase the Diamond Eclipse C1 as well as Aviation Unlimited with a new Diamond Da-40, equipped with a G1000 glass cockpit. Carp Airport west side, enter from the Thomas Argue Road off March Road. For more information contact the Carp Flying Academy at 613-839-0666 or visit www.carpflyingacademyinc.com.

March 14, Arnprior, ON: COPA Flight 33 recurrency seminar, satisfies CARS requirements. Start time 7 p.m. at St. Andrews Church Hall, 80 Daniel St N. For more information contact Rick Raymond at 613-832-2399

March 31, Ottawa, ON: Ottawa Flying Club Grass Roots Day: Building last year's success, OFC is

hosting an event (10 a.m. to 3 p.m.) to introduce pilots and aviation enthusiasts to the many local organisations providing aviation services and support. Last year, the 14 presenters ranged from Hope Air, to the Ninety-Nines, to COPA Flight 8, and included Garth Wallace and a DA40. This year, we hope to have even more presentations for your enjoyment. We are also attempting to have Ottawa Airport landing fees waived. For more information contact the Flying Club at 613-523-2142 or e-mail info@ofc.ca.

April 10, Haliburton/Stanhope, ON: (CND4) Our annual Safety Seminar will feature special guest David Arama of WSC Survival School. He will give a comprehensive talk on Pilot Wilderness Survival. david@wscsurvivalschool.com Stanhope Fire Fighters' Hall at 7 pm. Cost is \$5. For more information contact John Packer at 705-754-2611.

April 17-23, Lakeland, FL: The 23rd Annual Sun 'n Fun Fly-in kicks off another fair-weather flying season. For more information visit: www.sun-n-fun.org or call 863-644-2431.

May 03, Ottawa, ON: Transport Canada, System Safety presents the Making Waves Aviation Seminar at the Canadian Aviation Museum Bush Theatre from 7 p.m. to 10 p.m. This FREE safety seminar will cover information for the general aviation community. Topics to be covered include: Float Flying, General Piloting Skills, For more information on this seminar please contact, Terrence Satens, Civil Aviation Safety Inspector,

Transport Canada 807-474-2597. Attending a Transport Canada safety seminar is an option in meeting CARs currency requirements <http://www.tc.gc.ca/civilaviation/general/personnel/current.htm>.

May 5, Oshawa, ON: Free Rust Remover seminar from 8 a.m. to 2:45 p.m. Sessions are free but lunch is \$10. Presenters include Transport Canada, Nav Canada, Bill Davidson: insurance broker and Skip Labelle from the Canadian Flight Academy. Lunch will be served to only those who register by April 29. For pre-registration or information contact Wayne Ellis at 905-434-6897 or email copa70seminar@hotmail.com.

May 5-6, Haliburton/Stanhope, ON: (CND4) Pancake breakfast/brunch/lunch. Start the summer flying season with a trip to one of Ontario's prettiest airports. For more information and current weather contact John Packer at 705-754-2611, email airport@halhinet.on.ca or visit <http://stanhopeairport.com>.

May 26, Ottawa, ON: AYA Region #13 event - The second annual Ice Breaker at the Ottawa/Rockcliffe airport between 10 a.m. and 2 p.m. Local AME Steve Farnworth will present a seminar on Engine Maintenance for your Lycoming starting at 1300 hrs. Start the 2007 flying season at Tony's BBQ at Ottawa/Rockcliffe (CYRO) and catch up with other Grumman owners. Contact Ruth Merckis-Hunt, AYA region #13 director 613-523-6014 or email ecanada@aya.org for more information.

May 26, Westport, ON: Breakfast fly/splash-in hosted by the Rideau Lakes Flying Club. Breakfast of

ham, eggs and baked beans from 8 a.m. till 1 p.m. Transport from the Aerodrome, Waterfront, downtown

available. Located at N44 40.012, W076 23.799 using 123.2 for communication.

FOR SALE

Place your ads by phone with Bill Reed 613-831-8762 or e-mail to [bill at ncf dot ca](mailto:bill@ncf dot 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.

For Sale

\$2,500.00

Hummelbird project - some of the fuselage has been assembled and all of the parts for the wings have been made - enough aluminum to probably finish the project - a box of tools, cabinet of rivets and hardware, some instruments and more that enough engine parts to build up the 1/2 VW engine It is almost a complete project for sale

02/07 . Contact Malcolm Imray at:
mimray@sgl.com
barrumphall@hotmail.com



For Sale

\$15,000.00

VOLMER: AMPHIBIAN Unfinished – fuselage almost done and primed. All cables for motor, tail feathers, all instruments, gear etc. in place. Aeronca Wings have to be rebuilt. New Ceconite for wing and tail feathers ready for covering. Lycoming 0290D engine 0 time, needs mags and carburetor. New gaskets, seals and SS flanges (\$2,000 worth of new parts and coverings). Motor brackets and mounts included. Asking \$15,000 obo. No reasonable offer refused. 03/07 Call Jerry at 613-525-4532 or email: jerryadams247@hotmail.com



Your Advertisement could be here

Articles wanted

I am always interested in receiving submissions for this, your Newsletter. You may bring articles to the monthly meetings, or mail information to the post office box, or email [bill at ncf dot ca](mailto:bill@nfc.ca)



EAA Chapter 245 Membership Application

NEW:___ RENEWAL:___ DATE:___/___/___

EAA NUMBER _____

EXP Date: ___/___/___

NAME: _____

ADDRESS: _____

CITY/TOWN: _____

PROV: _____ .PC: _____.

PHONE:() _____ - _____ .H () _____ - _____ .W

EMAIL: _____

DISTRIBUTION Preference: email ___ post ___.

AIRCRAFT & REGISTRATION:

OTHER AVIATION AFFILIATIONS:

COPA:___ RAA:___

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

Newsletter Deadlines

Deadlines for articles and for sale/wanted ads will normally be 3 weeks before the next meeting.

A short example follows:

Meeting date – 2007 Newsletter deadlines

March 15th – Mar 1st

April 19th – Apr 4th

May 17th – May 3rd

June 16th – Apr 2nd

July 14th – June 30th

August – no newsletter

September 20th – September 6th

October 18th – October 4th

November 15th – November 1st

December – Jan (December shifted to January 2008)

Meeting date – 2008 Newsletter deadlines

January 17th – Jan 3rd

February 21st – Feb 7th