

# EAA 266

Experimental Aircraft  
Association Chapter 266,  
Montreal Canada



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**Newsletter, April 2007**

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from EAA 729 - Columbus, IN**
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**This month's contributors:**

**Robert Sumner  
Anne Renwick  
Mike Foushee**

**Notice of Meeting:**

**Thursday, April 26, 2007  
at 7:30 PM**

**Topics:**

**Name-that-Plane by Scott Black  
Patrol project by Raymond Lambert  
"The RV Story" on DVD  
AND  
Fuel System Challenges by Dave Cyr**

**Location:**

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**Check out our website at: <http://eaa266.org>**

**A Quest for Wings – Fleet Canuck****Robert Sumner****Photo Submitted by Anne Renwick**

The Canadian Aviation Heritage Centre of Ste.-Anne-de-Bellevue, Quebec, is seeking one or more wings, in whatever condition, for their Fleet 80 "Canuck". Call 514-398-7948 or 514-626-6921 or e-mail [robert.sumner@videotron.ca](mailto:robert.sumner@videotron.ca).



Here are a couple of photos as she stands:

**Coming Events**

**May 3, 2007:** 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 CAR's currency requirements: <http://www.tc.gc.ca/civilaviation/general/personnel/current.htm>

**Please call ahead as space may be limited!!!**

**May 13, 2007:** [Young Eagles Day](#), Lachute, Québec:

Again we are looking for help from pilots willing to fly Young Eagles and also ground crew to help with logistics. Please call or e-mail one of our Chapter Directors to discuss your participation.

Visit also <http://www.young eagles.org/>



**May 19- 21, 2007:** [Zenith /Zenair Zip Fly-in](#) Brampton, Ontario

**June 22- 24, 2007:** [Canadian Aviation Expo](#), Oshawa, Ontario

**June 30- July 1, 2007:** [Les Faucheurs de Marguerites](#), Sherbrooke, Québec

**August 11- 19, 2007:** [International Balloon Festival](#), Saint-Jean-sur-Richelieu, Québec

**August 25- 26, 2007:** [Classic Air Rally](#) at Rockcliffe Airport, Ottawa, Ontario

**Contact Us!**

<http://eaa266.org>

**Youth Education Program Ideas****Mike Foushee**

(Editor's Note: The following article appeared in the March 2007 newsletter of EAA Chapter 729, Columbus, Indiana; Editor: Mike Foushee. It was reprinted here at the suggestion of EAA Oshkosh)

“...

For several years, Brett Herrick with assistance from other chapter members has conducted aviation oriented classes at the Foundation for Youth in Columbus. He has funded this program himself with some financial assistance from the Columbus Airport and Chapter 729. The programs were initiated as a compliment to the Young Eagle Flight Program. The following is Brett's update on the FFY programs.

At the FFY, the classes continue to use the “Flight Site” that was at Parkside School. But, I have expanded these classes to include the following projects:

- Fantastic Flyer balsa glider
- FFY Flyer balsa glider
- Delta Dart balsa/tissue rubberband airplane
- “Bottle Rockets”
- Sled Kites
- Making Wooden Airplane Ribs
- Fly a remote control model airplane
- Flying Microsoft Flight Simulator
- Participating in a Young Eagle Flight Rally

There are two different ways to look at what the students gain by participating in these classes. Both are equally valid. First and most obvious, these classes are a chance to learn about aviation. The students learn about aviation by learning some affordable/age appropriate ways to be involved in aviation, some basic model making skills and they have fun. To do this, I have a series of projects that the students build and fly. Beyond this, they can fly a flight simulator or get to go flying in an airplane. The second way to view these classes is that it chance to learn basic skills that can be applied in many different ways. The skills learned can include basic math and science, weather, how to make things, goal setting and working in a group. The FFY calls this “stealth learning”. I use aviation to make the classes interesting but we are teaching skills that can be applied elsewhere.

One of the things that I have found is that these classes need to be adapted to where ever they are offered. An example of this is that the Parkside Elementary School library, where we previously offered classes, has a great balcony for launching gliders. Whereas, the classes at the airport offered a nice outside area for flying models (i.e. outside the fence) and the ability to take the kids out on to the airport ramp when the models are drying. The classes at the Foundation for Youth have the ability to reserve the gym for flying models. But, these FFY classes need to be more flexible as attendance varies depending if the students are able to attend each week (i.e. may depend on which parent they are staying with that week or when they are getting picked up).

For these classes each student has their own set of tools that they use. This allows each student to focus on their own project. Students do not have to spend time figuring out where the needed tools went or if someone is making their project faster than them. Further, every attempt is made to use tools that are low cost and can be purchased locally (i.e. this gives examples of what they could use if they want to be making models at home). The cost of the contents of these kits is approximately \$30/each.

In making the model airplanes we want the students to learn how to build the models correctly and safely. The tools that the students use have been selected to be as safe as possible. Rather than use single edge razor blades we use razor blade holders to keep fingers further away from the sharp edge. The modeling knife that we use can not roll off the table. Students are directed to keep knives retracted or covered when not in use. The glues that the students use are washable (i.e. when CA glue is used it is used by one of the adults). Also, the students are told early in the first session that horseplay will not be tolerated.

Because I want to make sure each student has a chance to see their project fly and fly well, we don't let them take their projects home until they have flown it with us. This way we can show them how to adjust their projects to make them fly well. It also ensures that they leave with a sense of accomplishment about their projects rather than frustration. Further, with stories like "When I took it home, my cat jumped on it" "it got broken in my backpack" or "my little brother broke it" we want to make sure that they have seen their projects fly well. Having an indoor location at the FFY to fly the models in is a big advantage (i.e. the weather is dependable; the models can't fly away and it helps with keeping the kids together).

In offering these classes I try to make sure each group gets to see the EAA video tape "Young Eagle". This tape is ten years old but it has an excellent message. Namely, that one needs to have goals and the only way to achieve ones goals is to work toward achieving them. It uses a boy and his chance to fly in Curtiss Jenny to demonstrate this. I view this as a very important message independent of where each of the student's interests may lead.

Another goal of these classes is to keep the cost of offering these classes as low as possible. An example of this is that the raw materials for projects are purchased in bulk and I can use my band saw to cut the wood to the needed sizes. The students then need to round off the ends and make some measurements to apply some reference marks. By doing this, the cost of the raw materials for all of the projects except one can be kept to less than \$1.00/each. Another example is that 35 Delta Dart kits can be purchased for \$43.00. By keeping the cost low it isn't a big issue when something needs to be replaced due to errors in making the project or when repairing a broken project. Cost also is kept down by making my own jigs. Rather than having to purchase the \$10.00 jigs for setting the dihedral of Delta Dart wings I made jigs from some scrap material. Also, for winding up the Delta Darts simple fixtures were made to hold them and a hand drill makes a good winder rather than purchasing these.

Part of why I offer these classes is seeing the joy that the students have in taking these classes and part is knowing these students wouldn't be learning/exposed to these things if these classes weren't being offered. The students clearly want to be in these classes as shown by the disappointment of the students that can not be fit into a particular session. Or the joy when they get to see the projects that they made fly well and the surprise in finding out they get to take their projects home with them.

..."

**Champ Production Resumes**

Yes, it's true; the Champ 7EC is back in production! Here's the official announcement from American Champion Aircraft Corporation of Rochester, WI:

“ ...

Champ News: 3-27-07

IT'S APPROVED!!

The new [7EC](#) design is now FAA-approved and being added to the models we can produce under our Production Certificate. We are scrambling to get #3 and #4 done for Sun-n-Fun. Hope to see you there!

...”



List Price: \$85,000US. Gross Weight: 1320 lbs (Light Sport). Continental O-200-A, 100 HP. Be sure to visit <http://www.amerchampionaircraft.com/> for more details

**Unclassified**

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 O290D 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. Call **Jerry Adams** at 613-525-4532 or email: [jerryadams247@hotmail.com](mailto:jerryadams247@hotmail.com)

Logan 10" x 24" metal lathe, quick change gearbox, 4 jaw, 3 jaw and drill chucks, with Kennedy machinists tool chest, indicator, vernier caliper, 1"-2" micrometer. Replaced motor, half-nuts, spindle bearings, feed screw bearings, feed dials, carriage pinion, and leather belt. Cross slide and compound reground. 4 position turret tool post. \$1500. Call **Scott Black** at 450-963-7909 or email: [scott-black@sympatico.ca](mailto:scott-black@sympatico.ca)

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**Unclassified (con't)**

For Sale: Partnership in Sonera ILS, C-FPGS. Tail dragger, Jabiru 2200a engine, Low wing, Stretch Fuselage, B (stronger) Wing, Great usable load. Seeking the right partner and pilot. Phone **Bill Evans**: 514-907-4919 or e-mail: [wevans@enter-net.com](mailto:wevans@enter-net.com)

Numerous PEGAZAIR 100 construction jigs available, contact **Neil Goldberg** at 514-231-8189

Mustang II for sale \$64,000 US see [http://www3.sympatico.ca/fhofmann/plane\\_for\\_sale.html](http://www3.sympatico.ca/fhofmann/plane_for_sale.html)  
Aircraft parts see <http://www.eaa266.org/eea266-classifieds.htm>. For further information call **Frank Hofmann**: 514-696-4572

Continental 90HP engine w. 4 certified cylinders, Stromberg carb, carb heat box, bracket filter, C-150 mufflers, engine mount, RPM, mags. Believed to have less than 50 SMOH. 2 cylinders currently removed for engine inspection. Call **Pierre Leduc**: 514-817-8421

- (1) Firewall forward kit for installation of Subaru E-81 Stratus engine, on Avid aircraft. Kit includes cowling, engine mount, radiator, all fittings, hoses, and drawings
- (2) 14 gallon (US) wing fuel tank for Avid or Kitfox
- (3) Set of drawings for Acro Sport II biplane- see **Ron Hills**, or call him at 514-684-6581

**Laurentide Aviation**

**Cedars Airport Unicom: 123.5**

Tel: (450) 452-4882 Fax: (450) 452-4405

E-mail: [laurentide@sympatico.ca](mailto:laurentide@sympatico.ca)

<http://www.laurentideaviation.com/>

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