

## In this Issue:

## Newsletter, February 2010

- **Message from our Chapter President**
- **January meeting recap**
- **Notes from the Editor**
- **Spring Welding Workshop**

### **Notice of Meeting:**

**Thursday, Feb 25, 2010 at 7:30 PM**

### **Topics:**

- 1. Aircraft Certification Process by Frank Hofmann**
- 2. Movie (TBC)**
- 3. The usual lie swapping and hangar flying**

### **Location:**

**Room 204  
Penfield Building  
John Abbott College  
Ste. Anne de Bellevue**

## **This month's contributors:**

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David Cyr  
Scott Black**

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**A word from our Chapter President...****Michel Moreau**

Mes amis,

If after Pierre Fournier's presentation last month you think that obtaining a "flight authority" for a homebuilt is complicated I believe that Frank's presentation coming up on the aircraft certification process is going to put things into perspective. I suspect that Frank will take us into another world of complexity. And yet the two worlds share the same airspace.. It should be quite interesting. Don't miss it.

David Cyr and I visited Toni Molle recently. Tony's project is quite ambitious; he is building a Lancair, a most beautiful and high performance machine.



Tony is in the process of closing its wings. He promised to come and talk to us about his project soon.

Happy building, and flying.

MM



**Highlights from our January Chapter Meeting with the MD-RA****David Cyr**

Pierre Fournier, who is the Minister Delegate – Recreational Aircraft (MD-RA) representative for the Quebec Region, gave a very animated and interesting talk on the process of getting your amateur-built project from purchase to flying in terms of inspection requirements through to the related paperwork. Pierre emphasized that the MD-RA mandate only applies to the inspection of the Amateur-Built category of aircraft and that their purpose in life is to apply the letter of the law as defined by Transport Canada.

MD-RA, a Canada-wide non-profit organization has undertaken to put everything you need to know and do on their web site at <http://www.md-ra.com>. Pierre said he often takes calls from homebuilders, but is reluctant to answer questions as to whether some particular construction technique would pass inspection or not, due to concern that any misunderstanding could become a contentious issue later at inspection time. Technical compliance questions about construction techniques should be addressed to Transport Canada for regulation interpretation. Marc Bisson, Pierre's counterpart in Transport Canada for the Quebec Region, should be contacted, preferably by email so there is a paper trail of all understandings and agreements. Marc Bisson's email address at Transport Canada is [marc.bisson@tc.gc.ca](mailto:marc.bisson@tc.gc.ca)

Two important messages we took from the presentation were: 1) Inform the Minister (i.e. MD-RA) before you make any commitment to purchase or put any money on the table. This can be done with the "Letter of Intent", which is available on the [MD-RA web site](#), and, 2) that if one person has to be upset at the end of an inspection, it should be the builder, not the inspector!

For a limited time, you can see the slides from Pierre's presentation at:  
[http://www.eaa266.org/assets/pics/MD\\_RA\\_2010\\_01.pdf](http://www.eaa266.org/assets/pics/MD_RA_2010_01.pdf).

Again, thank you to Pierre Fournier for a very informative and entertaining evening!

**Editors Note****Scott Black**

Fellow Members,

Last month I flew out to the annual Challenger Fly-in at Montebello organized annually by Claude Roy of Carp ON. I took my UL ground school from Claude so I know him and his hospitality. The weather and runway conditions were as good as you could ever have – warm temps, bright sunshine, light winds and a layer of packed snow on the ice of the Ottawa River. On final approach there was a guy standing to the south of the touchdown area, sort of where you would put a runway marker, with a fairly serious looking camera. Since the surface was all white it was useful to have a reference point for touchdown. He was there because he wanted to be up-sun of the landing aircraft in order to have them nicely lift for photography. His name is Jean-Pierre Bonin and I found his website after the event and discovered that he has been doing this for years at all the big Quebec and Eastern Ontario fly-ins and that there are 100s if not 1000s of such pictures on his Flickr site <http://www.flickr.com/photos/djipibi/sets/72157623146550061/>. I got in contact with Jean-Pierre to ask him for hi-res copies of 2 of my favorite pictures and we had a brief email chat. Then he looked up my aircraft registration and discovered that we live in the same neighborhood! He was very generous with his pictures and I think I will have him as a passenger in the near future. I invite you to take a look at his work. No doubt you will see some familiar aircraft, airports and faces.

**Contact Us!**<http://eaa266.org>



Photo courtesy of Jean-Pierre Bonin



Photo courtesy of Jean-Pierre Bonin

Also this month I would like to remind everyone about the Chapter library. We have a large list of movies and books to keep you entertained and inspired. This great resource is under-utilized and the costs are reasonable. Check out the list of titles on our website at <http://www.eaa266.org/ea266-library.htm> and contact Ed to reserve your favourite title and help support the Chapter.

**Spring Welding Workshop****Scott Black**

A spring welding workshop is being organized for those who would like to try their hand or improve their gas welding skills. Marc Clement of Aerosoudage Inc has graciously offered his shop and his expertise to host this event. Marc is not only a welding professional, but he built a Wag-Aero J-3 fuselage so he knows what is required for homebuilders. It will be a hands-on workshop for oxy/acetylene welding and, time permitting, he will give a demonstration of tig welding. I will attempt a demonstration of torch welding aluminum (or how not to torch weld aluminum, depending how it goes!). It will take place at his shop just off the highway 40 on Halpern on a Saturday in late March or early April, depending on Marc's workload. Since he has graciously offered his knowledge and facilities free of charge it only makes sense that we work around his work schedule. He is a one-man band at his business and I understand he works long hrs and 6-7 days a week, so we will be flexible with the actual dates.



There will be 4 work stations with 2 people at each one, so there will be plenty of time for hands-on. I am looking at a cost of something on the order of \$25 from each participant for materials which will allow us to have flat steel coupons and some tubing cut and ready to go. We have at this time 3 torch sets (Marc's, mine and Bill Evans', so we will need one more. If you are interested in attending and have a set of reasonably full tanks, regulators and a torch with some different sized tips, all in good working order, then please contact me. Those who provide a torch set

will get first priority if the demand outstrips availability, which looks to be the case.

If there is sufficient demand Marc is willing to hold a 2<sup>nd</sup> course, subject to his work commitments. I will call for names at the next meeting and we will pick out of a hat. Anyone who won't be at the meeting and wants their name included should contact me. Keep in mind that there will only be 5 places, as Bill and I and somebody else who loans a torch set will have reserved places. It should be educational, challenging and fun and hopefully it will show people that there is no great mystery to welding. I know of 14 yr olds (yes, more than one) who have welded fuselages successfully. It is a motorskill that can be learned by anyone who is willing to dedicate some time to it and like everything else in homebuilding, learning a new skill is a big part of the fun and the reward. I hope to see you there.

**Unclassified****Free Ads for Paid-Up Members**

Power Tools For Sale: Call Georges Laporte at 450-661-4711 (or 613-528-4582):  
 3 H.P. 220v. air compressor, 30 gallon tank, on wheels - \$250. Sandblaster with tank - \$30.  
 Small sandblast gun - \$25. Atlas 4 inch metal lathe, on bench - \$300.00. Logan 6 inch metal  
 lathe on bench, some gears missing - \$300. Unimat jeweller's or model maker lathe, with  
 accessories, almost new - \$300. Oxy-acetylene welding outfit with tanks - \$400. Miller 225  
 amp. welder, 220 volts, with tig welding accessories, for steel and aluminum, argon tank -  
 \$400. Horizontal Band Saw for cutting metal, almost new - \$225. Very sturdy steel  
 workbench, all bolted together, 8 feet long - \$200. Bench drill press - \$65. Band saw - \$75

For Sale: Citabria Restoration Project C-FABI, a 7GCBC-Citabria sustained some damage and  
 is partially restored, but requires additional work. For more information, call Eddy Dumalo at  
 514-453-4123

For Sale: Two Rotax 912F certified engines at 2000 hours (on condition). One shows metal in  
 filter (probably gear box). Complete logs with 50 hour oil analysis. Less oil tank, radiator and  
 oil cooler. Asking \$6000 & \$5500. Call Larry Loretto at 613-675-2301 or email  
[loretto@hawk.igs.net](mailto:loretto@hawk.igs.net)

For Sale: 1980 Pober Pixie P9 Built by Dale Lamport. C-GTLQ.  
 1 Place, open-cockpit, parasol wing, 65 HP Continental. TTAF & ESOH = 521.  
 Registered "Amateur Built". Visit [www.greatplains.com/pixie.html](http://www.greatplains.com/pixie.html) for basic data (VW Engine).  
 Inexpensive, fun flying. Phone **Winston Smith** 613-528-4752 or [pwsmith@cnwl.igs.net](mailto:pwsmith@cnwl.igs.net)

Lark sailplane parts for sale plus a semi-finished K6 fiberglass fuselage with canopy. The  
 aluminum lark has been repaired for storm damages but not certified for aerobatics. The wings  
 were cut short in preparation for engine installation. They could be rebuilt and the rudder  
 also, which was missing when the parts were supplied. All parts are mounted on a glider  
 trailer, which is also for sale. The complete set is ~~\$3000~~, the K7 fuselage \$700. Photos are on  
[www.hoverplanes.org](http://www.hoverplanes.org) under the "sailplane parts" link. Contact **John Austen-Brown** at  
[john.austenbrown@sympatico.ca](mailto:john.austenbrown@sympatico.ca)

**Update: Price now reduced to \$1500 or best offer. The equipped 35ft trailer is worth  
 about this, so the sailplane is free!**

For Sale: **Jack Geall** is selling his [Zenith CH-200](#) project along with many aviation tools and  
 completed E-Z-E Lift 1650 Floats. For the complete list of items, please refer to the classifieds  
 section of the [January 2008 Newsletter](#). Call 819-274-2275 or 450-689-0359 or email  
[jackgeall@sympatico.ca](mailto:jackgeall@sympatico.ca)

For Sale: Lycoming O-290G, comes with aircraft oil pan, mags and carburetor. Never operated  
 on an aircraft (was on a propeller driven ski sled) but unknown hours. Call **Pierre Leduc**: 514-  
 817-8421 [pierreleduc0@videotron.ca](mailto:pierreleduc0@videotron.ca). Also, have C-75, C-85, C-145, O-200, O-300 Continental  
 cylinders, a nice Hartzell prop for a C-180 (O-470), a few tail wheels assemblies, C-140 struts,  
 a C-140 right wing, C-180 landing gears, a few 6" wheels as well as transponders and other  
 parts and radios.

Tie Downs & your Hangar Space now available at CLA6 25 min. from Isle au Torte Bridge off  
 Hwy 401: Lancaster Airpark Inc: N45 12.00' W074 21.75'. 145' ASL. 2400ft x 125ft grass  
 runway 07/25 22111 Old Hwy #2, Bainsville, ON Call **Gord Larsen**...514-697-5259 or 514-  
 262-2470

