



Winnipeg Area Chapter of RAA Canada

February 2010

Executive

President: Jim Oke: – 344-5396

Past President: Ben Toenders – 895-8779

Memberships: Steven Sadler – 661-6636

Secretary: still looking for a volunteer

Treasurer: Don Hutchison – 895-1005

Directors

Harry Hill - 888-3518

Bert Elam – 955-2448

Ken Podaima – 257-1275

Jill Oakes - 261-1007

Gilbert Bourrier – 254-1912

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CALENDAR OF EVENTS

- | | |
|--------------------------|---|
| February 18, 2010 | Tour of Rick Riewe and Jill Oakes Land Africa project |
| March 18, 2010 | Still up in the air |
| April 15, 2010 | Still up in the air |
| May 20, 2010 | Tire Kick –Lyncrest Airport |

Annual Rust Remover Workshop

The COPA, CASARA, Manitoba Aviation Council and RAA annual combined "Rust Remover Recurrency Workshop held on January 29 was a huge success with approximately 150 pilots attending. Everyone enjoyed the presentations from Peter Hildebrand, Transportation Safety Board and Pete Firlott, Transport Canada and Jerry Roehr, the new COPA director.

Tour of Rick Riewe's Land Africa project, 7:30 Thursday February 18. We'll meet at the Lyncrest Flight Centre then proceed to Rick and Jill's hangar when they talk on the Land Africa project. Some topics for discussion are: lessons learned to date, what to do or not do next time, how to install a Rotax, Rotax plumbing, how to paint... and any questions you may have.

Please join us for a really interesting evening. Coffee and doughnuts will be served in the Lyncrest Flight Centre.

Another Ask the MD-RA by Ken Podaima in the March newsletter

If you have any questions related to the construction, repair or restoration of an aircraft where the RAAC is involved, please forward your questions to Ken Podaima at (204) 257-1275 or e-mail him at kpodaima@cc.umanitoba.ca



TO: Members & friends

The Springfield Flying Club & The Winnipeg Chapter Recreational Aircraft Association are pleased to co-host our first Model Building Seminar.

Here is an opportunity for dads, moms, uncles, aunts, grandparents and friends to spend some fun time with the kids. On hand will be experienced model builders to help you get started with hands-on help and advice.

We have selected basic model kits that will be rubber-powered and easy to fly. More elaborate models will be on display as will professional builders to offer advice and instruction for larger projects. We are trying to keep the cost for kits in the \$20-\$30 range.

Want to build a Piper Cub or other classic? Let us know, we will source the kits.

Foam wing and balsa models will be available to satisfy all age groups and budgets. Participants will be able to work on their projects on two Saturday or Sunday afternoons at the Lyncrest Flight Centre or take them home to finish. Everyone will be asked to return to the LFC some time in May or June to show and/or fly their projects.

Our goal is to offer an opportunity for kids and parents alike to spend time together sharing in the pleasure of airplanes and aviation.

The proposed dates for this event will be in March/April 2010. **Exact dates to be confirmed.** We need to know beforehand how many participants would be interested so we can have ample supplies on hand for the event.

If this is something you think you might be interested in, RSVP by February 28th, 2010 to: gilgis@mts.net or phone Gilbert: 254-1912 for more info.

Lunch will be provided.

Some interesting internet aviation related websites. Thanks to Jim Oke and Steven Smart

Vans Aircraft www.vansaircraft.com

The main purpose of the Van Aircraft web site is, of course, to promote and support the sale of the Vans Aircraft line of kit aircraft from the single-seat RV-3 through the four -seat RV-10 and the new LSA RV-12. However, even if your personal homebuilt interests lie elsewhere, there is a lot that you might find useful at the Vans web site. For instance, Vans has an online web stores that sells a full line of aircraft parts and accessories from basic AN hardware to flight and engine instruments, avionics, engine installation items and more. In the RV parts sales section, there are also small size pieces of raw material such as 2024 aluminium that might suit your needs once you figure out Vans parts numbering system. The pricing and delivery arrangements certainly seem to be competitive with other suppliers. RV builders often seem inclined to design web sites to describe their projects and the "links" section lists literally dozens of builders web sites which show in sometimes amazing detail how they have tackled such things as electrical installations and cockpit detailing that are certainly applicable to other than RV aircraft. For instance, if your are planning to install a Rotax 912 engine, some of the RV-12 builders will show you what is involved.

The Aero Electric Connection www.aeroelectric.com

Almost every homebuilt aircraft these days needs an electrical system but this is one of those areas where a builder is often left on their own. What to do? One source of sound advice on designing and installing an electrical system is the Aero Electric Connection. The operator of this web site, Bob Nuckolls, has years of experience in the commercial aircraft industry and happily shares his comprehensive knowledge on this web site. He covers electrical theory from "the ground up" and describes the many wiring devices and choices that must be made in equipping an aircraft. There are a large number of articles discussing topics such as how to install a coax antenna properly, how to build a voltage monitor and a good deal more. There are also suggested wiring diagrams to suit a variety of aircraft types to use as a basis to move your own project ahead.

See How It Flies www.av8n.com

Every pilot gets an initial dose of the theory of flight during his or her training but how about building on this later on? This web site is a comprehensive and wide ranging look at how and why airplanes fly as they do. The author, John Denker, covers a good deal of ground but avoids formulas and mathematics while explaining some of the more intricate details of how an airplane flies and more importantly, how a pilot can get the best from a particular airplane. A lot is covered from take off and landing performance to multi engine aircraft technique, cross country navigation and emergency handling. Worth a look.

Flying Colors www.flying-colors.org

Winnipeg pilots may remember "Flying Colors " a flight training school that operated for a few years at Winnipeg International Airport using a fleet of Diamond aircraft. The school has been gone for sometime but surprisingly their web site still lives on. Particularly useful is their local aviation weather page at <http://www.flying-colors.org/wpgweather.html> which combines radar, GFA and local terminal weather information from the Nav Canada web site in one handy single page format. Scrolling down to the bottom of the main page, there are links to a bunch of useful resources such as searching the Transport Canada aircraft registration database and others. No indication that the Flying Colors web site will be with us much longer but it is a useful one as long as it is.

The Biplane Forum www.biplaneforum.com

If your aviation interests include building or flying one of the current crop of small biplanes such as the Pitts Special, Acrosport, Starduster, Steen Skybolt and similar designs this web site has a lot of information for you. The main resource is a series of Q and A forms broken down by aircraft type with sub-forums devotes to individual components such as wing construction, landing gear,

etc. There is also a classified wanted/for sale section and other general discussion areas not related to any specific aircraft type.

The Smithsonian's Air and Space magazine. <http://www.airspacemag.com/>

A wonderful site which has the complete text from each months edition of the Air and Space magazine which you can purchase in stores. Not as nice as reading a printed magazine, but an excellent free alternative.

JNE Aircraft restoration. <http://www.jneaircraftrestoration.com/index.html>

Follow along on the restoration of Hawker Hurricane AM 274. Contains photos of it's recovery from Russia as well as a generous amount of photographs every month or so.

Wonderful photos of deHavilland Mosquito

http://www.virtualmuseum.ca/pm.php?id=story_line_index&fl=0&lg=English&ex=00000192&pos=1

Wonderful photos of DeHavilland Mosquito's being built during the second world war in Canada.

Canada Aviation Museum in Ottawa online image bank.

http://www.aviation.technomuses.ca/collections/image_bank/

You can enter search terms for your favourite aircraft and see all the scanned images which are held. They have a wonderful collection of Hawker Hurricane photographs showing Hurricanes being built and flown in Canada.

Transport Canada's website.

<http://www.tc.gc.ca/civilaviation/regserv/affairs/cars/part6/subpart2.htm>

The above link is to the 602 series of the CARS. But you will also find online copies of TC-AIM, PSTAR requirements and sample exams etc. A wealth of interesting FREE information.

A wonderful website for those learning to fly:

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

Aviation Calculators, lessons on standard atmosphere, VOR simulators, etc. etc. etc.

Listen to live broadcasts of Air Traffic Control.

<http://www.liveatc.net/search/?icao=YWG>

The above is for Winnipeg, but many other airports are available.

Key Aviation Forums, a U.K. centric forum with active Commercial, Military and Historic Aircraft forums. <http://forum.keypublishing.co.uk/>

My favorite is the Historic forum where there is a wealth of knowledge. As with most forums, often inhabited by nuts, so you have to treat some of the opinions with a grain of salt.

<http://www.warbirdinformationexchange.org/>

A U.S. centric forum, similar to Key Aviation Forums.

Matronics Email List <http://forums.matronics.com/viewforum.php?f=4>

Everything related to RV aircraft. Forums for lots of other types of aircraft too.

Stunt pilot, <http://www.miniclip.com/games/stunt-pilot/en/>

An online game where you get to pilot your aerobatic plane through the obstacle course. A fun distraction.

Aviation book stores:

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

<http://www.aviation-bookshop.com/>

<http://www.camdenmin.co.uk/>

Camden- supplier of some aviation books as well as interesting books on model engineering, history of technology, railways and other esoteric topics.

PAMPA, <http://www.control-line.org/DesktopDefault.aspx>

the home of control-line stunt aircraft.

Lots of nice information on control line aircraft.

<http://www.clacro.de/>

For Sale: One RV 6 or 6A wooden fuselage jig. Very well constructed and in excellent conditions. 6 – 6s and 6As have been built using this jig. For more information, contact Bob Stewart at 853-7776.

2010 Memberships are now due.

Our Chapter is a member of the National RAAC and \$15.00 of each membership goes to the National RAAC, which provides liability protection for the various activities supported by our Chapter and the executive. The RAAC is the aviation body that best supports the recreational aircraft enthusiasts. Membership in the RAA makes it possible for the RAAC to do much more for us. Our chapter's Executive and Directors believe in the RAAC and strongly encourage our members to support it. The RAAC is the recreational aircraft enthusiast's voice with TC, promoting our kind of aviation. Should you ever be stranded away from home, the RAAC provides a means of finding assistance for you when you need it. The RAAC was instrumental in getting what is now the MD-RA inspection program, set up and working. The RAAC deserves our support, particularly from amateur-builders and those with aircraft in the owner-maintenance category. We encourage you to please consider taking out or renewing your membership in our Chapter. There is a renewal form at the end of this newsletter.

2010 Membership Form

Winnipeg Area Chapter RAA

Trial (\$25)

Student(\$25)

Full (\$50)

Required Information

Name		OFFICE USE ONLY
Mailing Address		Renewal Date
Phone(s)		Chq. Other Cash
E-mail		Initials
Are you an RAA national member? ⁽¹⁾	<input type="checkbox"/> Yes <input type="checkbox"/> No	
Do you give permission for your information to be made available to other Winnipeg RAA members?	<input type="checkbox"/> Yes <input type="checkbox"/> No	

Optional Information

Do you own an aircraft?	<input type="checkbox"/> Yes <input type="checkbox"/> No Make/model: Registration:	Are you a member of other aviation groups?	EAA: <input type="checkbox"/> COPA: <input type="checkbox"/> Others:
Are you building or restoring an aircraft?	<input type="checkbox"/> Yes <input type="checkbox"/> No Make and model of project(s):	What Pilots licences and ratings do you hold?	

Please make cheques payable to: RAA - Winnipeg Chapter
Mailing Address: RAA c/o Steven Sadler PO Box 703 LaSalle Mb. R0G 1B0

Notes:

- 1) RAA Winnipeg contributes \$15 per member towards the insurance program maintained by RAA national. This program provides liability insurance to cover local chapter events. The \$15 does not provide membership in RAAC.