



The banner photo features the fisherman's magic carpet – a turbo 206 Stationair amphibian. This is one of the Century Flight group that flew into La Ronge 'way back in the summer.

Now, in the middle of winter, a group of homebuilders stands on a snow-covered hillside. They begin to roll a snowball toward the crest of the hill, confident that if they can just get the small snowball to the top it will begin to roll down the other side, gathering size and momentum. However, it is a figurative snowball that is actually cube-shaped and looks more like the photo below.

As always, your comments, complaints, desires, jokes, or news items are most welcome so please do get in touch. Your editor, Malcolm McLeod can be reached at 585-7449 (voice or fax), by email at [yqrflyer@gmail.com](mailto:yqrflyer@gmail.com) or by mail at 13 Langley St. Regina, S4S 3V5.

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### *Earth Moves at Regina Aerogate*

## **Chapter 154 Members Contemplate A Permanent Home**



As reported in the October newsletter, what was Parr Field is now a registered private airport identified as CAG2 and named **Regina Aerogate**. It will appear for the first time in the February 2012 Flight Supplement.

Mike Reibling's first project is to extend the runway and renew the surface, and anyone flying over can see that earth has already been moved.

Many of our chapter members are willing to step forward and support this endeavour. They hope to put up a building at Aerogate and a good deal of brainstorming has taken place already. One suggestion is that the chapter institute a two-tier membership; with the general membership continuing and a second level with those in that group putting up cash and sweat equity in return for use of a hangar and/or workshop.



Our chapter and the broader aviation community suffered a blow last month with the passing of **Dave Weick**.

Dave was an enthusiastic member of EAA and had put many hours of fine workmanship into his Glasair. He had set himself the goal of completing the plane by the end of 2012

At his funeral, his family gave a special thank you to the chapter members who were with him back in May when he had the first symptoms that led to the diagnosis of his brain tumor.

He might have died that day without their quick response. Their action gave Dave seven months to be with his family that he might not have had.

Dave was the personification of the old saying “he was a gentleman and a scholar.”

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### **Next meeting – Saturday January 28th**

#### ***Reinvention – Avro Aircraft and the New Ramjet***

On Saturday, EAAers are invited to find out about a unique experimental aircraft project underway in Regina.

Homebuilders have always been eager to try new and unusual powerplants in their aircraft but this one is very much out on the edge.

The story begins many years ago, when we had a fellow in our chapter by the name of Tim Rupcich. Tim moved away to pursue career opportunities but his name was never deleted from our e-mail list.

He recently sent a message to say how much he appreciated being kept in the loop and he went on to say that he was now back in Regina working on a project that will be of interest to many of our members. Tim is part of a company called Atlantis Research that has opened an office in the Prairie Flying Hangar to build a novel type of hybrid ramjet.

The traditional ramjet has no moving parts such as a turbine or compressor. It depends solely on the engine’s forward motion to compress incoming air, so ramjets have no static thrust and work best at very high speeds.

However Atlantis is developing an engine that can create static thrust with no moving parts. “Our theoretical max velocity is Mach 4.5-ish,” writes Tim, “so from zero to 2,000 MPH without a turbine.”



Ground testing has started on two prototype engines but the company now needs an airborne test bed. To this end it has acquired a CT-114 Tutor airframe but getting it flying is reportedly a big challenge. Tim says the company is now negotiating the purchase of a flying ex-Malaysian Air Force Tutor (known as the Tebuan) from an owner in the USA. They are also looking at using a Long-EZ as a potential technology demonstrator.

One further interesting aspect of this project – the Atlantis company has secured the rights to the legendary name and trademark of Avro Canada.



Once the third-largest company in Canada, Avro was a spinoff of A. V. Roe Company, a subsidiary of the British Hawker Siddeley Group. Avro Canada was formally dissolved in 1962.

Our meeting will be convened at **1 PM at the Regina Flying Club**. We will be using the EAA club room at the back of the hangar as an opportunity for members to comment on our commitment to renting this space in the future. We will be going as a group from there over to the Prairie Flying hangar.

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**Flight 4 News:**

For those who are well-enough organized to plan far ahead, mark Saturday May 5, 2012 on your calendar as the date of the COPA 4 Spring Rust Remover.

Here’s the official notice from Rem Walker:

All pilots who fly as Pilot in Command or aircraft are required to complete a two-year recurrency training session as noted in the Canadian Air Regulations (CARs). COPA Flight 4 is hosting this event at the Royal United Services Institute, 1600 Elphinstone Street, Regina on Saturday May 5 2012. Doors open at 08:30, and the seminar runs from 09:00 to 12:00.

Regina Flying Club instructors will be presenting again this year and topics will fulfill the two-year currency requirement.

A noon lunch of soup and sandwiches will be provided. Cost is \$15 per person for the seminar and lunch. The kitchen staff needs to know how many will be there for lunch so please pre-register by mailing your cheque for \$15 per person to COPA Flight 4, 2348 Garnet St., Regina, SK, S4t 3A2 by April 28<sup>th</sup>. For more information contact Rem Walker at 306-352-6442.



**Treasurer Bert says...**

Yes, fellow members, its time to renew your membership. The fee remains at \$25.

Send your cheque payable to EAA Chapter 154 to Bert Hamilton, P.O. Box 191, Lumsden, SK. S0G3C0

And... we still have half a dozen of the wonderful EAA 2012 photo calendars available for sale.

Let Bert know if you want one and he will put your name on the “first come first served” list.

*You can call Bert at 731-2221 or 731-8221.*