



Top: members working on the wing. Some disassembly is required to put in the mandated upgrade package. Above, shelves were built by chapter members to accommodate the project.

We all thought it would be helpful to have a workshop at Zenair, or in Ian's shop, with a Zenair rep. who could show us Zenair build techniques and procedures. Michael agreed to this and we will let you know when it is scheduled.

Michal Heintz gave us a book with Construction Standards for Zenair Light Airplanes that is available for us to read and familiarize ourselves with.

Ray also directed you to the YouTube site to view the videos on installing the wing spar upgrade. Please have a look at these to

familiarize yourself with the work required to instal this upgrade.

The wing spar upgrade kit has been ordered from Zenair.

We had some snacks and drinks, made some progress, learned a few new tricks, and had a very enjoyable social first get together. Everyone is welcome to participate..no experience required.

Participants subsequently met at Ian's on Jan. 14/16 from 18:00 to 20:30. There was discussion on the following:

The MD-RA has no record of this project. Michael Heintz is checking with Zenith to see if they have any records and a serial number.

A letter of "Intent to build" will have to be sent to the MD-RA.

It was decided that no more money from chapter funds will be used for this project. (\$4000.00 to date). Member's that want to be involved in this project, if able, can contribute \$50.00 each to a fund that will be used for acquiring parts and supplies.

Adam Rigden will set up a Facebook page to show the world what we're doing and link it to the Huronia Airport website.

Tom Watson to be contacted about personal and property liability insurance for this project.

Gary Wolf (RAA) to be contacted to see if the RAA has insurance to cover us while building.

Saturday, Jan. 16 we will meet at Bob Gow's hanger instead of at Ian's to put up shelving and take an inventory of the parts and material that came with this 601 purchase. Please bring your own construction tools.

It was decided to move the project further along before we contact interested young people and others interested to become involved in our project.

An open house was proposed at the Northern Regional Fly-In on July 9/16 to show people what we are building.

On Thursday, Jan. 14 the group removed the ribs from the right wing of our 601 project and it is now ready to be drilled out and taken apart in preparation for the wing upgrade kit.

As of January 17:

We met at 09:30 at Bob Gow's hanger at the Huronia Airport on Saturday, Jan. 16/16. The fuselage and all parts are stored here except the right wing, which is at Ian's.

We built shelves from skids and lumber given to us by Gerry Addley when we purchased our 601 project.

We did a general inventory and went through the boxes to see what we got with the airplane. Wrote it down, catagorized and numbered the various boxes and contents. Cables, instruments, strobes, wiring, AN hardware, brakes, etc. It appears we have most of the parts that are required to finish this project.

We wrote down a lot of the part numbers but we will have to do a detailed parts inventory checking it against the parts list that Michael Heintz supplied us with for this airplane.

We repacked the boxes and put the big stuff on our new shelving.

Jim H. brought the plywood and lumber required for our new table top over Copeland Creek Sat. morning as per plan A.

# TURN AND BANK

January - February 2016

## Work on Chapter 85's CH 750 Continues

The Zenith 750 Cruiser project, kicked off in October with Matt Heintz leading a builders' workshop, has progressed significantly in the last 3 months. The application to MDRA for a pre-cover inspection is ready for submission. The project has also provided opportunities for the general membership to follow along. A few people have joined the chapter as a result of the project and one young lady has become a regular participant in the building process. It is hoped that the Cruiser will continue to raise the profile of the chapter and promote sport flying to the general public.

The program portion for the November 2015 and January 2016 meetings took place in the Chapter 85 workshop. The November meeting involved an explanation from each of the major component building team leaders about their parts of the airplane. During the January meeting, John Macready (empennage team leader) explained some of the challenges that have been encountered in the construction and walked the onlookers through the construction of the vertical fin and attachment to the rear of the fuselage. The vertical fin spar was clecoed to the fuselage and John then took it off and reversed the build procedure to explain the process. This was needed anyway for deburring rivet holes and priming.

The next steps will be to paint all of the steel tube components (engine mount, cabin frame, rudder pedal and torque tube assemblies etc.) and finish the second wing and flaperons. The forward fuselage needs to be mated to the rear fuselage and at the same time the pre-cover inspection application will be submitted to MD-RA (Min-



Above: John Macready walked chapter members through the progress made on the chapter's new club airplane. The project is progressing nicely and it is hoped it will be ready to fly by the end of the year. Power is to be a Continental O-200.

isters Designate – Recreational Aircraft). These are exciting times for the chapter. The whole project is true to the spirit of the organization and provides a great oppor-

tunity to further the goals of the sport aviation community, involving people at a fundamental level while teaching safe building practices and having a whole lot of fun.

Don't forget to renew your memberships for 2015! Membership is \$40 or \$55 if you are not a national RAA member.

**Volunteer for chapter activities:** we can always use people to help with upcoming chapter events like the Pancake breakfast, and of course the chapter fly-in in late June. If you want to help out, contact any member of the executive. Their contact numbers are on the club website.

**Want to be part of the action?** Positions on the build team are open to all members, but spots are filling up fast! Let

## News and Stuff

any member of the executive know if you are interested. The project is really coming along. We encourage the participation of young people as well - if you know any budding builder/aviators, bring them with you!

Members may notice that the fence and vines have been removed from around the clubhouse. Members are reminded that cars should not be driven on the lawn adjacent to the clubhouse espe-

cially in the winter but also all year round. Tire tracks will make large groves in the lawn making it uneven for walking.

*The Turn and Bank is a Publication of Chapter 85 of the Recreational Aircraft Association of Canada. We are located at Delta Heritage Air Park 4103 104 St, Delta, BC V4K 3N3.*

*Newsletter design by George Gregory. Any suggestions, pictures or newsletter contributions can be emailed to George Gregory at george@sidekickgraphics.com*



## President's Report

Peter Whittaker / January 2016

Activities at Chapter 85 over the last 2 months have focussed on the Zenith 750 Cruiser building project as 2016 gets underway. Several new members have joined in order to become involved with the building project and visitors appear at the workshop on Saturdays to see what is going on. The chapter website and facebook page are capturing attention and bringing visitors out, and we have increased our membership as interest in the project has built.

The building project has also triggered discussions with RAA chapters in Midland

and Hamilton who are each either starting or considering club chapter projects.

In place of a guest speaker at the January and February meetings, we had workshop sessions so that the general membership could review progress and discuss the project with the builders. Our March speaker was cancelled so Perry Delano gave demonstration on removing rivets. This procedure makes use of a spring loaded centre punch to knock the steel mandril out of the rivet which can then be removed by drilling the rivet head off and then knocking the rivet body out. This method does not touch the sheet metal or other parts and leaves the original drill hole ready for the new rivet.

The 750 Cruiser project has advanced to more detailed work with the alignment of

the horizontal stabilizer. This was required before positioning the control cable pulleys for the elevator. Work continues on the firewall to get the engine mount ready for installation. The search is still underway for a suitable Continental O-200.

The next major event is the 2016 Annual Awards Banquet to be held on Saturday, March 26th at Delta Town and Country Inn in Delta, BC. Vice-President Heidi Bekker has arranged for a grand door prize which is a complimentary return flight with Island Express from their base in Abbotsford to either Nanaimo or Victoria. The guest speaker is Bill Yearwood from Transport Canada.

## Midland Chapter Building a Zenith 601 XL

Recently the Midland, ON chapter of the RAA took on a partially built 601 aircraft project to build their own club aircraft. Here's an update on what's happening:

Report: Midland Chapter

We met on Jan. 9/2016 at Ian's shop at 10:00 a.m. Those present were: Ray, Adam, Brian, Jim, Don, Rob, Michael, Dan, Garry, and Ian.

We will be meeting at Ian's during the winter months on Thursday evenings from 18:30 to 21:00, and Saturday mornings from 10:00 to 13:00. → Please bring your own tools if you have them.

We had discussion on build times, suitable engines, Zenair workshop to show us techniques and construction standards (date to be decided), how to proceed, and future tasks.



On Jan. 9, we drilled out the rivets and removed the top and bottom wing skins exposing the spar. Everyone in attendance was able to gain experience in drilling out rivets.

Our next task is to build a more suitable work bench. Jim is going to bring 2 sheets of 4 x 8 plywood to our next get together for the table.

Future tasks were identified. Register our project with Zenair. Michael gave us the forms and we are currently looking for a



serial number that is missing from the plans. Check with the MD-RA to see if the original builder (Gary Curtin) had any inspections done on the work so far. With Bob Gow's concurrence and guidance, to build shelves in his hanger to hold the material we have purchased from Gerry Adderly. We will then have to catalogue our parts inventory with the Zenair itemized packing list to see what we have and what we need. Look into the feasibility of registering as an educational non-profit organization. ▶

## RECREATIONAL AIRCRAFT ASSOCIATION CANADA

Vancouver Chapter 85

General Meeting Tuesday 2 February 2016

### Preliminary

Attendance: 26 people attended the meeting. Executive Committee members attending: Heidi Bekker, Shawn Connelly, Tom Boulanger, Cyril Henderson, John Macready, David Marsden, Eric Munzer, Tim Novak, Bruce Prior, Hugo Regier, and Peter Whittaker.

**Call to Order:** At 1940 by President Peter.

Minutes: Motion (Henderson/Munzer): that the Minutes of the 5 January 2016 General Meeting be adopted. Carried.

**Visitors:** Edgardo Dacanay and Peter Murphy. Edgardo is an AME "M" apprentice. Peter is a member of COPA Flight 5 - Boundary Bay Flying Club.

**Communications:** None.

Tonight's Program: Another update on the Aircraft Project tonight. It will take place in the Workshop the Workshop next door.

### Financial Report

As of 2 February 2016, our income this year is \$4,800 (all figures are rounded) and our expenses, \$700. We have a balance of \$23,400 including chequing, shares, and a term deposit. Tom's financial statements will be attached to the file copy of these minutes.

### Old Business

None.

### New Business

Nominations for 2015 Awards: Heidi passed around nomination sheets for members to nominate awards recipients. She will email us asking for nominations, too.

Girls Fly Too: This year's Girls Fly Too event will be held at Abbotsford Airport on 12-13 March 2016. The organizers are looking for volunteers. Pilots are invited to fly in and show off their planes. Everyone is welcome. Heidi will post flyers here and at Mary's Place. The website is here: <https://www.girlsfly2.ca/events.html>.

### Committee Reports

Membership: Dave reported we now have 37

paid members. We need to twist arms of those who haven't yet paid.

Membership is \$40 plus \$15 if you're not an RAA National member.

Hangar and Workshop: We did have some furnace trouble but Gerard has fixed it.

**Custodian:** Bruce will book the Clubhouse for 11 February for a BC Pilots Association meeting. [Done.]

### Vice-President's Report

The Town & Country Inn is booked for the Awards Banquet on Saturday 26 March. This year it will be in the Reifel Room.

Doors will open at 1800, dinner will be at 1900. The menu is Baron of Beef Buffet. Tickets are \$40 each, same as last year.

Transport Safety Board's Bill Yearwood will speak: "Aviation Safety and Human Factors." Heidi provided a sign-in sheet for those who planned to attend. Please ensure that Heidi knows you will be coming. She will need to confirm the count to Town & Country well before the event date.

**DapCom:** John is interim Chair. The first 2016 meeting was last Tuesday 28 January. John explained how he and Bruce became Interim Chair and Secretary: no one else stepped up and RAA is responsible for operation of the Air Park.

An Air Park tenant has complained to Metro that RAA receives preferential treatment at the Air Park. RAA has provided info to Metro in response.

Hangar management was reviewed; the rental rates subcommittee will continue its work. Ron Zeleschuk created a new approach to the Hangar Wait List. Hangar tenancy agreements will be updated and resigned if missing.

The MoGas fuel pump is temporarily closed because the tank has coloured fuel in it.

DapCom will be re-structured to define who can vote. Eight core positions and four hangar tenant reps are planned. This concept was accepted in principle.

The appointment of Sharon Van Dijk as Mary's Place Caretaker was approved. A search for a Chair and a Secretary to replace John and Bruce in their interim roles will be conducted by a Search Subcommittee chaired by Tom Boulanger.

John presented Objectives for the Air Park.

They are attached to these minutes.

**Newsletter:** No report.

**Programs:** After tonight we will go back to a more conventional speaker program.

### Announcements

#### Breakfast Base Team

Supplies Purchaser (Saturday or earlier) Bruce Prior

Batter Mixer & Table setup (Friday pm) John Macready

Open Up & Start Coffee and Grill Gerard Van Dijk

Tea and Coffee Runner / Helper John Macready

Cashier and Ticket Issuer Terry Johnston

Wait Staff John de Visser, Peter Whittaker

Pancake Flipper Eric Munzer

Eggs and Ham Heidi Bekker

CleanUp All

The table above sets out the Base Team to ensure we are always set up to go. All RAA members are encouraged to take on one of the above positions at least once a year.

BC Pilots Association: here at Thursday 11 February.

Next Delta Breakfast: Sunday 14 February hosted by DapCom.

Next Delta Breakfast hosted by RAA: Sunday 10 April.

Next RAA General Meeting: Tuesday 1 March.

Next RAA Executive Meeting: Tuesday 16 February.

Next DapCom Meeting: TBA.

**Adjourn:** Motion (Lalonde/Van Dijk): that we adjourn. Carried. And we did, at 2016.

The attendees then moved to the Workshop where Peter described the latest progress on each of the major components.