

# Turn Bank



OFFICIAL NEWSLETTER OF RAAC CHAPTER 85

April 2004



This is George's Glasair TD1. An awesome airplane built over a time span equal to raising a child and built with the same care and loving attention to details.

The TURN AND BANK is the monthly publication of RAAC Chapter 85 and is intended to keep members informed as to the club's activities, and to promote safety and technical excellence in the field of sport aviation. No responsibility or liability is assumed, expressed or implied as to the content of articles contained in the Turn and Bank: the intention is to provide a forum for discussion and exchange of ideas.

Newsletter contributions should be mailed to Doug Brown, 9260 Pinewell Cr., Richmond, BC, V7A 2C6, no later than the 12th of each month. Or e-mailed to brown\_d@fc.sd36.bc.ca

Enquiries to the Membership Chairman should be mailed to Rob Prior, 3032 Carina Place, Burnaby, B.C., V3J 1B5

Regular chapter meetings are held on the first Tues. of each month at 20:00 (8pm) in the clubhouse:

Delta Airpark, 4103-104th Street Delta, B.C.

Clubhouse phone: 596-3644

Mailing Address: Chapter 85, RAAC

c/o Delta Heritage Airpark, 4103-104th St., RR#3, Delta, B.C. V4K-3N3

Executive meetings are on the third Tues. of each month at 19:30 (7:30 pm) in the clubhouse.

Chapter aircraft pilots, mail cheques

(Payable to RAAC Chapter 85) to:

Tedd McHenry

RAAC National Homepage: <http://www.raa.ca>

RAA Chapter 85 Homepage: [http://www.b4.ca/raa\\_85](http://www.b4.ca/raa_85)

Delta Heritage Air Park Homepage

<http://home.istar.ca/~bb4>

Source for CARS and Chapter 549 Airworthiness

Manual: <http://www.aerotraining.com>

<http://www.aerotraining.com>

For inspections of Amateur Built Aircraft Projects

contact MDRA Inspection Services,

ph. 1-877-419-2111

fax 1-519-457-0980

email: [mdrainsp@on.aibn.com](mailto:mdrainsp@on.aibn.com)

## Inside this issue:

This is .....	page 2
Announcements .....	page 3
Minutes of last meeting .....	page 3
Bulltin Board .....	page 4
George's Glasair Photo Article	page 5
Classified .....	page 7

### RECREATIONAL

AIRCRAFT  
ASSOCIATION  
CANADA

Delta Heritage Airpark  
Vancouver, B.C.




President:	Tim Baker	588-0333
Past President:	Tim Nicholas	572-1845
Vice President:	Gerard Van Dijk	830-9592
Secretary:	Jim Hunter	576-2678
Treasurer:	Don Souter	930-6243
Membership:	Rob Prior	422-8446
Librarian:	John Macready	984-6428
Program Chairman:	Francois Leh	813-7742
A/C Chairman:	Tedd McHenry	574-4764
Hangar, Workshop, and Building Committee		
Co-Chairmen:	Dan Weinkam	939-4745
	Dave Bell	
Newsletter:	Doug Brown	275-1405
Marketing:	Don Souter	572-6279
Check Pilots:	Tedd McHenry	574-4764
	Terry Wilshire	273-4741
	946-4152 (bus) 293-0663 (pager)	
	Francois Leh	813-7742
Directors:	Rob Prior	422-8446
	Dan McGowan	324-3348
	Bruce Prior	437-4219
	Paul Trudel	532-8570
	Bob Cutting	275-1603
	John Bell	596-8373
Builder's Counselors:		
Structures:	Dan McGowan	324-3348
Composites:	Gordon Hindle	535-0592
Propellers and Wood:	Colin Walker	581-9602
Engines:	John Blake	820-9088
Steel:	Pat O'Donnell	533-1839
Aluminum:	George Worden	433-5564
Computers in Aviation:	Rob Prior	422-8446
General:	Paul Trudel	532-8570

## Action, auction, auction!

At our first of many future auctions held at the March General Meeting we auctioned off a pair of exhaust stacks, a number of bags of nutplates. Total revenue from this was \$195 and is going directly into the clubhouse building fund. Next meeting we will have the following for sale, Pitot, carb heat box, 1 1/4 stainless flex hose, 5x4 4ply Goodyear tire, anti-collision light, hand held flasher, safety flash beacon and 2 sq yds of tan nughide. For future meetings bring stuff. Lots of stuff. Bring money to buy stuff. Lots of money to buy lots of stuff. None of the stuff can be left in the clubhouse. All money raised will be put into the clubhouse building fund.

## AIRFrame



Aircraft Portraits

**Rob Prior**  
www.b4.ca/airframe  
rv7@b4.ca

3032 Carina Place, Burnaby, BC, V3J 1B5604/422.8446

## Lindair Services Ltd.



Announces A New Product Line  
To Save You Time And Money!  
**Superflight**  
Covering & Finishing System.  
Superflight 102 & Dacron Fabrics  
Call us for your recovering needs  
604-273-4511  
1-800-663-5829  
Support@lindairservices.com

### Minutes of the General Meeting, 2 March, 2004.

**Call to order:** 8:00 PM by President Tim Baker who introduced guests and visitors.

Hunter / Cooper: that the Minutes of the General Meeting of 3 February, 2004 be adopted as printed in " Turn & Bank"

Discussion CARRIED

**Correspondence:** None received.

Saddened to hear of the passing of Tony Only. A wonderful artist but a thoroughly down to earth type of guy and a good friend to the Chapter and to the air park. Understand that a group is forming up to fly a tribute to Tony if possible and when final arrangements have been made.

Good to see Dan Lawler back and looking good. Hope his progress continues.

### Committee Reports:

**Treasury:** Verbal report by Treasurer Don Souter.

**Membership:** Rob Prior: We have a total membership of 114 but of these only about 63 have re upped for 2004. The el cheepo rate is in force until the end of the April GM. Get it in now and save a whole \$ 5

**Buildings:** Dan Weinkam: Nothing happening says Dan which, considering the age of our building, is good news.

**Vice President:** Gerrard Van Dijk: Tickets still available for the Annual Thrash. Get them soon tho, because they will get harder to get.

**Newsletter:** Doug Brown: Going well. Doug getting

together with George Spence to do an article on George's beautiful Glasair. Maybe April issue.

**Program:** Francois Leh: Francois introduces to night Mr. Dave Dixon of Transport Canada to talk on Air Shows, Fly Ins and such Special Aviation Events - the legislation and how we can live with it.

After the April GM we will be able to visit the near by hangar of Mr. Dave Sproul and Mr. Dave Rose who are re -building a Harvard.

**Aircraft:** Howard Simpson is our new Chairman. He will handle the paper part of the job and leave Gerrard Van Dijk to continue with the greasy bits. Many thanx Tedd McHenry for his good service in this job. And speaking of Gerrard, -on March 20 a party to do an Annual on the Turbi and volunteers needed to help. About 9:00 AM. Talk to Gerrard.

**RAAC:** Rob Prior: Brampton group following up on the revised Fly In Legislation being proposed by Transport Canada. Paul Sharp, a one time President of RAAC is conveniently able to visit Ottawa as needed to keep this thing moving along.

Conversations still underway concerning home built aircraft still under construction and obtaining insurance for them. RAAC hasn't as yet pinned any thing down but apparently such insurance is available from COPA. They call it "work in progress" insurance.

RAAC AGM this year will be in Warton, Ontario. May 15 and 16 . Rob Prior already teed up to go to this. Warton is North of London getting up toward the Bruce Peninsula. Major industry is raising predicting ground hogs .

Apparently some aircraft supply firm in Ontario has a logo very similar to that of RAAC. RAAC Exec. looking to find ways to constrain that concern from continuing to use such a device.

**Air Park Comm. ( DHAPCOM ):** Terry Wilshire: Breakfast March 14.

Pilots recollect - - Although it doesn't always look like it, we are operating in one of the most confined and constrained air spaces in the world what with a major international air port, its relieving air port also busy, a bunch of minor, but busy controlled air ports and a few completely un controlled air fields. Add to this glider fields, ultra light operations, parachuting fields and even a few areas restricted so as not to pester the birds and bunnies and this is all happening over a growing urban and sub urban area of settlement and the whole thing seriously confined by mountains, an ocean and the border of a foreign land ( usually friendly)

The point ! It's tight. Be careful out there ! We don't want to be the very people who could invite somebody to make it even tighter !

**Old Business:** None

### New Business:

Tim Nicholas still looking for the Magneto Timing Device. ( It actually belongs to the Chapter ! ) See Tim.

Member Grant Henderson has a beautifully restored 1953 fire engine. Hopefully he can be induced to have it at the Fly In !

Don Souter has some brochures about this year's Arlington Fly In. See Don.

Fly In Committee to meet March 14 after the Breakfast.

Hubble / Henderson: that we adjourn so we can get on with the auction of valuable aircraft bits and other stuff.

Jim Hunter, Secretary

# Bulletin Board

## About the Club Turbi

Tedd McHenry, Aircraft Chairman

The Chapter Executive has decided to raise the hourly rate for the Turbi, and to change the rate structure. The Turbi isn't raising enough revenue to cover its costs. We hope to raise a bit more money with the new rate, and we also hope to discourage extremely short flights with the new rate structure. The new rate will be 60 dollars per hour, wet. There will be a 30 dollar minimum charge, per use. "Per use" means that you can do a short out-and-back with each leg less than 0.5 hours and only pay the minimum charge once, not on each leg. But if you make a single flight of less than 0.5 hours you pay 30 dollars. The new rate will take effect after the July general meeting.

While we encourage people to pay in advance, it's not strictly required by the rules. Please pay me Tedd McHenry, by cash, cheque, or Visa. Most people come to a meeting and pay, but you can just send him a cheque by mail. There's a web site that shows everyone's account balance, and lists my postal address for people who want to send a cheque.

To fly the Turbi you must have a valid pilot license and medical, some previous taildragger time, be a paid-up member in good standing of Chapter 85, and pass a check ride with one of Chapter 85's check pilots. The check ride is good for 90 days. Check pilots are Terry Wilshire, Francois Leh, and me. Contact information for the check pilots is on the library chalkboard in the clubhouse.

The rate is \$60 per hour wet, with a \$30 minimum per trip. There is a set of Chapter rules for flying the airplane, which I won't detail here, but they are in a binder in the hanger near the Turbi if you wish to read them. When you do a check ride you'll be asked to sign a form saying you've read them. But here are some highlights.

The Turbi has \$300,000 liability insurance per seat, plus third-party liability of \$1,000,000, and \$25,000 not-in-motion hull coverage (with a \$500 deductible). Note that there is no in-motion coverage. Chapter 85's policy is that any damage that happens to the airplane when you have signed it out is your responsibility. You must pay for the repairs or make the repairs yourself. (Except, of course, for routine maintenance.)

The airplane is maintained by Gerrard van Dijk and anyone whose arm he can twist to help him. The very low rental rate of the Turbi is due in no small part to the free maintenance Gerrard provides. If you fly the airplane, I strongly encourage you to offer some of your time to help him maintain it. You don't need any expertise, Gerrard provides all of that. But an extra pair of hands, or even just someone to bring back a hot coffee from the pilot's room on a cold day, is a big help.

Booking the Turbi is a very informal process. Just write down the date and time on the big chalkboard in the clubhouse. The main purpose of the Turbi is to help pilots maintain proficiency while they build, it is mostly flown on local circuit-and-bump flights. But cross-country flights are perfectly okay.

If you plan to take the airplane overnight, or for more than two hours on a weekend or holiday, you need the approval of the Aircraft Chairman or a Chapter officer. Remember, though, that the airplane has no transponder, so there are some limits on where you can go.

The Turbi is a delightful airplane to fly. It gives all the joy of a classic, tandem seat taildragger, but it is very easy to handle on the ground and in the air. I sometimes call it the "very poor man's RV-4."

**Last Meeting:** At our last meeting Dave Dixon gave us another well timed presentation on the dos and don'ts at fly-ins and air shows. The members would like to thank Dave for the most informative, sometimes humorous and definitely professional presentation. It made us all think a little bit more about how we conduct our business as a club. I think it also allows us to plan and continue holding our flyin, or should I say our "BIG breakfast" held in July.

**What's in store for next meeting.** After the next meeting we are all invited to visit the rebuilding of a Harvard in the nearby hanger of Dave Sproul and Dave Rose.

# George Spence and his TD1 Glasair

I recently took a trip out to Langley to see for myself the Glasair that George spent 19 years building. Wow! First I am very impressed that someone can spend that long doing a project and not loose interest in it. George saw it through right to the end. Second, the workmanship is fabulous. What a great airplane. First flight was in April of last year. Since then George has put approximately 30 hours on it. With a 180 hp O-360 and constant speed prop it will easily cruise 180 mph at 1900 rpm. I'm looking forward to having a ride someday.



A look inside the cockpit shows a full instrument panel.



A much younger George and friends planning.



This is what you get to start with.



Just before the top skin is glued onto the wing some preplanning is necessary!



With a window of 20 -30 minutes it was important that evryone knew their job.



And then the weight. Lots of weight.



What bulider hasn't sat in his/her unfinished project "just to see if it fits".



The inpiration for a beautiful instrument panel?

**Our annual banquet will be held on  
April 17. Tickets \$30 per person.  
Available from Gerard Van Dijk**

---

# CLASSIFIED

---

## DEMEL AIRCRAFT CORPORATION

Brackett Air Filters  
Gill Batteries  
Red Ram 20w50 oil  
Champion Oil Filters  
Engine Gaskets  
Spark Plugs  
Scat/Cat Tube  
Ameri-King ELT  
Windshields  
Instruments  
Control Cable  
Tires/Brakes

### Parts and Supplies

We carry a HUGE Selection of AN hardware  
DEMEL AIRCRAFT CORP.  
RR#2,SITE 30,COMP 27 PENTICTON AIRPORT  
PENTICTON,BC V2A 6J7  
(250)490-9532 1-888-490-9532  
FAX:(250)490-9538

DEMEL AIRCRAFT CORPORATION  
Parts and Supplies

Shock Cords  
Sitka Spruce  
Baltic Birch Plywood  
Spars/Ribs  
4130 tube/sheet  
2024T3/6061T6  
Tube/Sheet Aluminum  
Building/Repair Tools  
Poly Fiber Coverings  
Dealer Inquiries for  
RANDOLPH products

### 100% Canadian!

---

**Classified Ads are free (within reason) to members. Display Ad rates are:**

**Business Card:\$25 per year**

**1/4 page:.....\$10/month .....\$100/yr**

**1/2 page .....\$15/month .....\$150/yr**

**1 page:.....\$25/month .....\$250/yr**

**Ads that have been in for more than 6 months are subject to removal if space is required for other stuff. Please contact Doug the editor if you want it kept in.**

FOR SALE: SIROCCO PROJECT  
THE SIROCCO AD~REVISED  
PLEASE READ ON ~

The engine and ass't bits -gone  
The undercarriage inc. wheels,brakes-gone  
Tail Wheel & spring - gone  
But remaining -  
Fuselage - finished  
Tail group - finished  
Control components - finished except for cable  
Many- hole panel done - no instruments.  
Ribs ,minor spars and wing diaphragms done  
Two spar -grade spruce planks , almost enough to do the spar.  
To good to let go. Call and we will work it out.  
Jim Hunter 576 - 2678 cel. 720 - 2114

FOR SALE:1957 Tripacer Wings uncovered,all reworked.New leading edge.New ashtip. All Zinc Chromate ready to fabric. Included:2-18 gal.gas tank,2 -gast ank cover,landing light,aileron and flap,front and rear struts.Asking \$4000 Canadian.  
Roger Gauthier (Kelowna)(250)-763-1529 (250)212-0832 (cel)

WANTED: PA 18 or PA 20/22 Wings.  
Some damage OK 946-5881

FOR SALE:One set of 1500 Murphy floats ready to go.Ole #45-3931 198 st.Langley BC 514-1280

FOR SALE: 6 Factory new Franklin 180 hp cylinders includes installed valves \$300 each,will not part out.  
Tim Novak 271-8586

FOR SALE:Softcom 2 place Intercom ATC-2Y,with accessories \$110.  
Stuart Gear (604)941-9402  
E-mail:sgear@infoserve.net

FOR SALE:1-Miller 200 amp ac/dc H.F. Tig/stick welding machine -220V 1 ph. \$1200.1-Miller 120 amp MIG (wire) welding machine,110 volt.Portable sheet metal type,c/w gas kit (almost new)-\$800.  
Pat O'Donnell 533-1839

FOR SALE:Murphy type floats 1500 's. \$9600 CDN.New,comp [lete with rudders.

Harold Schapansky (604)826-5068

FOR SALE:4130 Annealed Gauge Plate now in stock,.025 to .375.We will sell you the plate or laser cut the parts.  
Industrial Laser Cutting ltd.  
(604)946-4152,Fax:(604)946-4153  
E-mail:tmw@industriallaser.com

FOR SALE:Zenith 250 plans and parts, wing rib moulds \$360.Christavia Mk IV project,4130 steel tube,wing ribs,flaps ailerons,gear legs,wheels and brakes, tail stab and rudder,\$3600.  
Paul Trudel 532-8570

WANTED: Person to help finish Paradyne advanced concept aircraft. Should be good with electrical, etc. Contact Norm Helmer at (604) 527-8970 Room 1136, George Derby Centre.

Our late member Grant Neal's blueprints for the T18 he had been working on have been made available. If anyone wishes to make an offer, please contact Dirk Post, 604 536 6129 or email dndpost@shaw.ca