



NEWSLETTER

Carb Heat

Hot Air and Flying Rumours

Vol 34 No. 06

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June 2004

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Next Meeting:

**Saturday, June 19th. 10:00 AM
Chapter Hanger @ CYRP**

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TC/MD-RA seminar.

Feature Presentation

Oshkosh Planning

By

Gary Palmer

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President's Page
by Gary Palmer

Chapter Projects The annual spring-cleaning of our clubhouse on Saturday May 15th saw a smaller than usual dedicated crew of volunteers led by Dick Moore. Some significant projects remain on the leftover list so expect calls for help over the summer:

1. Installation of a new larger well casing to improve our water supply for the breakfast fly-in. Russ Holmes obtained a couple of plastic 24" casing sections, and Dick has prepared them for installation, now if we can just schedule an hour of backhoe time.
2. Replacement of the East window, which is suffering from frame rot.
3. Replacement of the rotting "patio door that never was" on the South side, as well as the rear washroom door.

Ottawa Transponder Code Assignment: Status updates.

Nav Canada has responded to our complaint, and we have seen some improvements in the ability to obtain pop up codes without the usual lecture. Nonetheless, Nav Canada's intent remains to implement the system as planned. We are working with Kevin Psutka, COPA president, who reminds us to be sure to use the system by calling the Montreal Area Control Centre prior to your flight at 1-866-VFR-CODE (1-866-837-2633), particularly on busy fly-in weekends. This will expose expected weaknesses in the system, strengthening our case for change or outright elimination of a flawed concept. Please report any problems to Nav Canada by either emailing them at "service@navcanada.ca" or phoning 1-800-876-4693.

May 2004 meeting summary

Martin Poettcker gave a presentation on his testing experience with his reduction drive for his Subaru powered CH-601. Unfortunately the projection system gave up the ghost just before the finish, so we didn't get to see all of his slides, perhaps later this fall after flight testing.

Upcoming meetings/Events.

Saturday July 17th 10:00 AM	The July meeting will feature Martin Poettcker demonstrating the use of his home made English Wheel he used to create his beautiful aluminium cowl on his CH-601. If all goes well, we may be able to congratulate Martin on a successful first flight, since his final inspection is scheduled in 3 weeks. This will also be the last chance for Oshkosh planning/co-ordination.
August 7-8	EAA 245 Fly-in breakfast. Curtis Hillier will be leading his usual band of willing volunteers in hosting our annual fly-in breakfast. I trust Curtis will receive lots of volunteer help. Set aside Saturday Aug 7 th morning for the set-up, and Sunday August 8 th for the breakfast.
August 28-29	John Rodney , and friends will be holding the second annual Carp Air Fest August 28-29. The Airport will be closed for a couple of hours on Sat & Sunday during the air show. If you are interested in volunteering, you may contact John at 613-489-1187 or 237-7000 from Kanata (to avoid LD charges). Email: harvard@magma.ca
Monday Sept 20	Start of new third Monday of the month for 8:00 PM meetings at the NAM . This is a planned change that will be confirmed in the September Newsletter.

Saturday June 19th 10:00 AM: Oshkosh Bound July 27th to August 2nd.

This is our annual Oshkosh Planning meeting. Whether you are planning to fly, drive, or looking for someone to share a ride, this meeting is for you. AS usual, we will be showing the Oshkosh arrival procedures video. The EAA web site at eaa.org has the Oshkosh Notam, and related information on admission, and camping fees. The procedures are essentially the same, but have changed somewhat with the confusing "Red, Blue, Yellow, etc." approach sectors being replaced by a meaningful "Northwest, Northeast, Southwest, etc. nomenclature. I hope to see you there!

Gary

FLIGHT FEST OTTAWA

AUGUST 28-29,2004-04

Celebration of Family

CARP AIRPORT

VOLUNTEER INFORMATION SHEET

NAME: _____ TEL: (HOME) : _____

ADDRESS: _____ TEL. (OFFICE): _____

_____ FAX : _____

_____ E-MAIL : _____

ARE YOU A MEMBER OF THE N.C.A.S.A.ASSOCIATION? YES ___ NO ___

HAVE YOU WORKED AT PREVIOUS AIRSHOWS OR FOR THE N.C.A.S.A.? YES ___ NO ___

IF YES, PLEASE INDICATE YEAR(S) AND AREA(S) WORKED: _____

PLEASE INDICATE YOUR CHOICE FOR VOLUNTEER DUTY. (WE ARE NOT ABLE TO GUARANTEE POSITIONS BASED ON YOUR CHOICES)
_____ OPERATIONS – AIR _____ OPERATIONS – GROUND
_____ LOGISTICS
_____ TRANSPORTATION _____ TRAFFIC,SIGNAGE,PARKING
_____ HOSPITALITY
_____ SECURITY AND SAFETY
-----Retail Sales- _____ FINANCE -

PLEASE INDICATE THE DAYS AVAILABLE TO Set Up/Tear down Days

Volunteer: Air Show Days: Thurs. Aug 21st-----

Sat: Aug 28rd. ----- Friday Aug 22nd-----

Sun: Aug 29th Mon: Aug 25th -----

Tues; Aug 26th-----

ALL VOLUNTEERS MUST BE 16 YEARS OF AGE OR OLDER

E-Mail: dpcameron7@rogers.com

Tel: 613-831-9527

Fax: 613-831-0958 flight-fest ottawa.com

??????

Do you have a favourite web aviation sight? Would you like to share it with other chapter members? If so please forward it to your newsletter editor via email and I will assemble them into a report in a future newsletter.

EAA 245 Annual Pancake Breakfast

Remember, this years EAA 245 Annual Pancake Breakfast will be on Sunday August 8th 2004 from 8 AM to 11:30 AM at the Carp Airport (CYRP).

Set-up is on Saturday the 7th, in the morning.

As always, we need your help to shine the hanger and ready all of the tools of this trade. If you can make it out to the clean up and/or help out at the breakfast, please give your name to Curtis or Jennifer Hillier or Russ Robinson. There are lots of jobs!

We are hoping for great weather for both fly-in and drive in visitors.

Persons requiring more information or able to volunteer can:

Contact Curtis or Jennifer Hillier (613-831-6352) the_hilliers@yahoo.com

or

Contact [Russ Robinson russ.robinson@ec.gc.ca](mailto:russ.robinson@ec.gc.ca) (613)-831-2485.

We hope you will mark down the date in your up and coming things to do this summer calendar and help this event the best yet!

Thanks!

Jennifer, Russ and Curtis

The Europa Factory folks will be displaying at the Canadian Aviation Expo June 18th - 20th (a rare event, as they rarely make it to Canada)? Weather permitting there will be demo flights available in the factory Tri-gear which is flying up from Florida, and there may also be a local builder's turbo-rotax/CS-prop/monowheel to see at the show as well.

CYOW VTPC

To obtain a transponder code:

No Flight Plan:

Contact the Montreal ACC at 866-VFR-CODE (866-837-2633) to provide ATC with information pertaining to your flight to obtain your transponder code prior to a flight into Ottawa Class C and terminal Class D airspace.

Flight Plan:

When the Flight Plan is filed the Flight Information Centre will issue the code, making a second call to 866-VFR-Code unnecessary.

Flight procedure:

1. Set the transponder to the assigned code just before takeoff (Ottawa area airports) or prior to the first communication with ATC.
2. Contact ATC at least 5NM prior to entering Ottawa Class C or terminal Class D airspace.

This years EAA 245 Annual Pancake Breakfast will be on Sunday August 8th 2004 from 8 AM to 11:30 AM at the Carp Airport CYRP.

Visit: <http://eaa245.dhs.org/FlyIn.html> for more links to the airport. We are hoping for great weather for both fly-in and drive in visitors.

Persons requiring more information can contact Curtis Hillier at 613-831-6352 or send an email to the_hilliers@yahoo.com

TC/MD-RA seminar.

Wayne Juniper talked about the changes in the way Amateur Built aircraft will be included in the CARs in the future. Right now AWM (AirWorthiness Manual) 549 pertains to Amateur built aircraft. Minister's Exemption for amateur built aircraft dated April 23, 2002 <<http://www.tc.gc.ca/OntarioRegion/civilaviation/manufacturing/recav/documents/Exemption-Appendix-C.doc>> permits the supervision of the construction of Amateur built aircraft and the importation of amateur built aircraft. Wayne mentioned that in the future CAR 549 will probably disappear and become a subsection of CAR 507. I assume this will be done to minimize the approval level for changes the Amateur built regulations.

Wayne recommends that anyone building an amateur aircraft be familiar with CAR 549 and the Minister's exemption. Both of these documents can be found on the Ontario Region Website. There is a wealth of information on the site and Wayne suggests that you contact them if you have constructive criticism on the site.

<http://www.tc.gc.ca/OntarioRegion/civilaviation/manufacturing/recav/amateur.htm>

The second half of the presentation was given by Jamie Alexander who is the Ontario Auditor for MD-RA (Ministers Delegate - Recreational Aviation). You can find the documents which created MD-RA on the Transport Canada (TC) website. Jamie's presentation was very informative for builders. It went through the inspection process outlining what the inspector is looking for at each inspection. I only took notes for the final inspection visit. The list of inspection items can be found on the MD-RA Website. Connect to <http://www.md-ra.com/inspections/inpection.html> and either download the PDF file " What inspectors will check" or view the document online by clicking on VIEW. <<http://www.md-ra.com/inspections/inpection.html>>

Milestone flight scheduled

Finally, a big Milestone flight is planned, and the public is invited to attend. Those who have gathered on the ramp at Mojave airport to watch our previous envelope expansion rocket powered flights have found the experience to be eye-watering. Anyone interested in the future of affordable space tourism will want to be able to say that they watched the first private manned space flight. Check in with www.scaled.com <<http://www.scaled.com>> for updates and high resolution photos. Hope you can join us. Look up.....way up.

Info@spaceshiponersvp.com

Historic Space Launch Attempt Scheduled for June 21

Paul G. Allen and Burt Rutan Announce Plans for First Non-Government, Privately Funded Manned Space Flight Mojave, CA: A privately-developed rocket plane will launch into history on June 21 on a mission to become the world's first commercial manned space vehicle. Investor and philanthropist Paul G. Allen and aviation legend Burt Rutan have teamed to create the program, which will attempt the first non-governmental flight to leave the earth's atmosphere. SpaceShipOne will rocket to 100 kilometers (62 miles) into sub-orbital space above the Mojave Civilian Aerospace Test Center, a commercial airport in the California desert. If successful, it will demonstrate that the space frontier is finally open to private enterprise. This event could be the breakthrough that will enable space access for future generations.

To reach space, a carrier aircraft, the White Knight, lifts SpaceShipOne from the runway. An hour later, after climbing to approximately 50,000 feet altitude just east of Mojave, the White Knight releases the spaceship into a glide. The spaceship pilot then fires his rocket motor for about 80 seconds, reaching Mach 3 in a vertical climb. During the pull-up and climb, the pilot encounters G-forces three to four times the gravity of the earth. SpaceShipOne then coasts up to its goal height of 100 km (62 miles) before falling back to earth. The pilot experiences a weightless environment for more than three minutes and, like orbital space travelers, sees the black sky and the thin blue atmospheric line on the horizon. The pilot (actually a new astronaut!) then configures the craft's wing and tail into a high-drag configuration. This provides a "care-free" atmospheric entry by slowing the spaceship in the upper atmosphere and automatically aligning it along the flight path. Upon re-entry, the pilot reconfigures the ship back to a normal glider, and then spends 15 to 20 minutes gliding back to earth, touching down like an airplane on the same runway from which he took off. The June flight will be flown solo, but SpaceShipOne is equipped with three seats and is designed for missions that include pilot and two passengers.

<<http://www.mojaveairport.com>> . Click on "special events" to check for airport maps and additional information about the event.

Two Volkswagen 1600cc "Beetle" engines. one completely rebuilt - \$1,000, one partially rebuilt - \$275

Larger (6-cyl) Continental Oil Cooler (8"x9") - \$50

Lycoming accessory case dual take-off adapter (ie hydraulic and vacuum pump - \$150

Piston Ring Set for E-185/0-470 Continental series - \$100.00

Continental C-85/0-200 ring set and rocker pins

Lycoming dynafocal engine mount - \$75.

Two shoulder harness inertia reels \$10.00 each

Four seat belts metal to metal like new - \$20.00 each

Lunkenheimer Primer - \$20.00

Two fuel pumps, hand-operated (wobble-type) - \$20 ea

Two Scott parking brake valves (new value \$150 U.S.)

Pair Goodyear 600x6 wheels and brakes - \$150

Pair wheel pants for amateur-built a/c - \$50.

Vista (cockpit fresh air) Vent - \$15.

Lightweight automotive starter and bracket for Lycoming - \$150

Miscellaneous older instruments, gascolator

Piper trim wheel and cables - \$15.

Garry Fancy (613) 836-282



EAA Chapter 245 Membership Application

NEW:___ RENEWAL:___ DATE:___/___/___
 EAA NUMBER:.....
 EXP Date:___/___/___
 NAME:.....
 ADDRESS:.....
 CITY/TOWN:.....
 PROV:.....PC:.....
 PHONE:(.....).....H (.....).....W
 EMAIL:.....
 DISTRIBUTION Preference: email..... post.....
 AIRCRAFT &
 REGISTRATION:.....

OTHER AVIATION AFFILIATIONS:
 COPA:___ RAAC:___
 OTHER:_____

Annual Dues: January 1st to December 31st. (porated after March31st for new members/subscribers).
 Associate Member ___: \$30.00 Newsletter plus Chapter facilities
 Full Member: ___: \$55.00 Newsletter, hangar, workshop, tiedowns. (Note: there is a one time \$200 initiation fee when you become a Full Member)
 Newsletter subscriber ___: \$30.00 Newsletter
 Note Associate and full members must also be members of EAA's parent body in Oshkosh WI, USA

Make cheque payable to:
 EAA Chapter 245 (Ottawa)
 Mail to - P.O. Box 24149, Hazeldean R.P.O., Kanata,
 Ontario, K2M 2C3

Place your ads by phone with Rodney Stead @ 613-836-1410 or e-mail to sttstmp@sympatico.ca
 Deadline is first of the month. Ads will run for three months. You may request a two-month extension.

For Sale: Rotax 582 with 2.62:1 C drive. With 150 hr inspection, complete including starter relay and voltage regulator and an exhaust system. Plus many extra parts. Price is \$4000. Engine mount for a Rotax 503 (inverted) price \$100. Engine mount for a Rotax 582 (upright) price \$200. Rotax 582 exhaust for Pelican \$150, moulded composite cowl for the Pelican \$350. Aluminium float kit - Easy Lift #1150 capacity original price was \$3500 selling for \$2500
 06/04 Grantley Este 613-832-1797 este@compmore.net

For Sale: 1993 Hatz biplane, TTSN 240 hrs, Engine lyc 0290-d2 135hp SMOH 415. king radio, elt ,Recent refurbish, asking \$49000.
 06/06 rick rickards 905-765-6403 rickr@mountaincable.net

For Sale: Cleveland Brake assembly. 500 x 5 version 199-196 hi performance (good for 2500lbs). Utilises metallic brake pads and insulated pistons. Braking capacity rated at 289,000 ft/lbs. Only used 45 hours. Complete with a set of spare pads. New price US\$865.00 Asking Cdn \$750.00
 05/04 email Stan.ironstone@sympatico.ca

For Sale: Garmin 90 GPS with yoke mount bracket and power cable. \$100 OBO.
 05/04 Call Keh @ 613-825-6171, email keh@canada.com

Articles wanted

I am always interested in receiving submissions for this, your Newsletter. You may bring articles to the monthly meetings, or mail information to the post office box, or
 e-mail sttstmp@sympatico.ca